

ENCLOSURES & THERMAL MANAGEMENT

Plastic Enclosures

Bud Industries	1883, 1884, 1885, 1886
Hammond Manufacturing	1887, 1888, 1889, 1890,
	1891, 1892, 1893, 1894
Serpac	1895, 1896, 1897

Fans

ebm-papst	1898, 1899, 1900, 1901, 1902, 1903
Qualtek Electronics	1904, 1905

Heat Sinks

Aavid Thermalloy	1906, 1907, 1908, 1909
Advanced Thermal Solutions	1910, 1911
CTS Electronic Components	1912
Ohmite	1913, 1914
Wakefield	1915

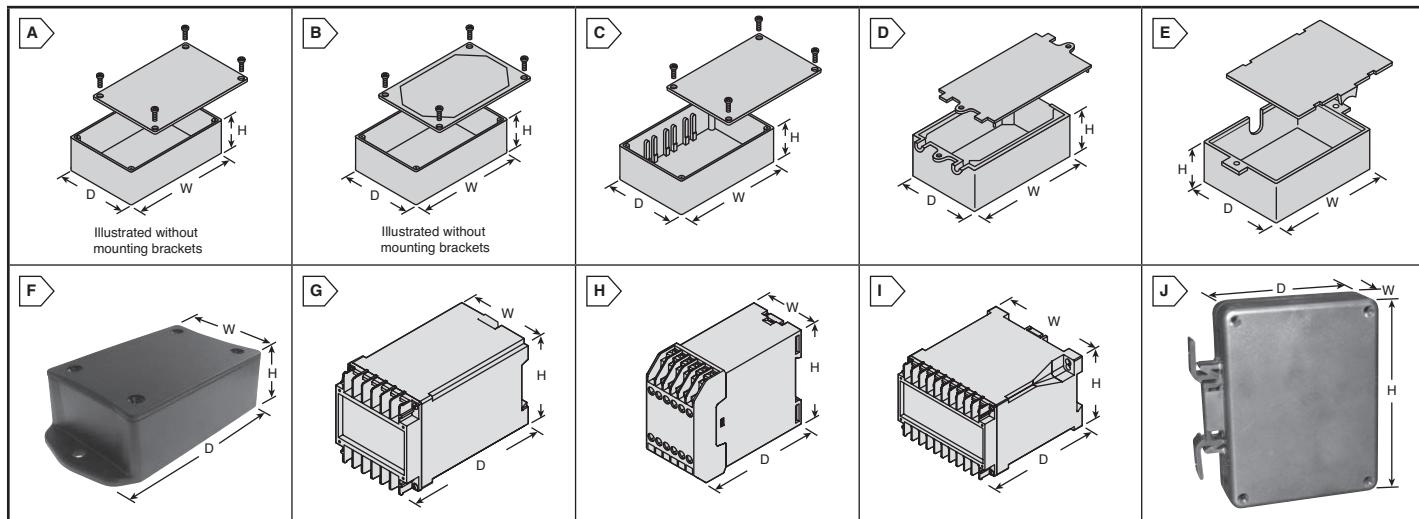
Thermal Interface

Laird Technologies	1916
Panasonic	1917

Thermoelectrics

Laird Technologies	1918, 1919, 1920, 1921
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BUD Plastic Utility and DIN Rail Mount Boxes



BUD UTILIBOXES

Style "A"
ABS Plastic with flammability rating of 94V-5VA and suggested service temperature of -20°C to +60°C. Comes with close fitting interlocking lid and assembly hardware.

Available with either a flush textured cover, or with a smooth recessed area suitable for labels or keypads. Finish: Textured Black

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bud Part No.	Fig.	Cover Style	Dimensions: in.			Price Each				
				D	W	H	1	5	10	25	
With Molded-in Mounting Brackets											
563-CU-3281-MB	CU-3281-MB	A	Textured	3.10	4.60	1.75					
563-CU-3282-MB	CU-3282-MB	A	Textured	4.60	4.60	2.25					
563-CU-3283-MB	CU-3283-MB	A	Textured	4.60	6.10	2.25					
563-CU-3284-MB	CU-3284-MB	A	Textured	4.60	7.60	2.25					
563-CU-3285-MB	CU-3285-MB	A	Textured	5.15	8.25	3.00					
563-CU-3285-MB	CUR-3285-MB	B	Recessed	5.15	8.25	3.00					
563-CU-3286-MB	CU-3286-MB	A	Textured	6.15	10.15	3.13					
563-CU-3286-MB	CUR-3286-MB	B	Recessed	6.15	10.15	3.13					
Without Mounting Brackets											
563-CU-3281	CU-3281	A	Textured	3.10	4.60	1.75					
563-CU-3282	CU-3282	A	Textured	4.60	4.60	2.25					
563-CU-3283	CU-3283	A	Textured	4.60	6.10	2.25					
563-CU-3284	CU-3284	A	Textured	4.60	7.60	2.25					
563-CU-3285	CU-3285	A	Textured	5.15	8.25	3.00					
563-CUR-3285	CUR-3285	B	Recessed	5.15	8.25	3.00					
563-CU-3286	CU-3286	A	Textured	6.15	10.15	3.13					
563-CUR-3286	CUR-3286	B	Recessed	6.15	10.15	3.13					

Style "D"

High impact Polystyrene with UL94-HB flammability rating.

Comes with close-fitting interlocking lid and assembly hardware.

Provisions for mounting horizontal PCB. Finish: Black

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bud Part No.	Fig.	Dimensions: in.			Price Each				
			D	W	H	1	5	10	25	
With Molded-in Mounting Brackets										
563-CU-741MB	CU-741-MB	A	1.51	2.26	0.79					
563-CU-742MB	CU-742-MB	A	3.00	2.50	1.00					
Without Mounting Brackets										
563-CU-741	CU-741	A	1.51	2.26	0.79					
563-CU-742	CU-742	A	3.00	2.50	1.00					

Style "G"

ABS plastic with 94V-0 flammability rating. Suggested service temperature of -20°C to +60°C. Comes with close fitting interlocking lid and assembly hardware. Horizontal PCB mounting bosses.

Finish: Textured Black

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bud Part No.	Fig.	Dimensions: in.			Price Each				
			D	W	H	1	5	10	25	
With Molded-in Mounting Brackets										
563-CU-387-MB	CU-387-MB	A	4.34	5.59	1.75					
563-CU-388-MB	CU-388-MB	A	3.06	4.31	1.37					
563-CU-389-MB	CU-389-MB	A	3.57	5.07	1.50					
Without Mounting Brackets										
563-CU-387	CU-387	A	4.34	5.59	1.75					
563-CU-388	CU-388	A	3.06	4.31	1.37					
563-CU-389	CU-389	A	3.57	5.07	1.50					

Style "J"

ABS plastic with flammability rating of UL94-HB and suggested service temperature of -40°C to +80°C. Internal PCB card guides accept both horizontal and vertical boards. Comes with grid pattern on underside of cover for modification reference points. Finish: Black

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bud Part No.	Fig.	Dimensions: in.			Price Each				
			D	W	H	1	5	10	25	
With Molded-in Mounting Brackets										
563-CU-1941-MB	CU-1941-MB	C	2.13	3.27	1.12					
563-CU-1943-MB	CU-1943-MB	C	2.68	5.12	1.61					
563-CU-1945-MB	CU-1945-MB	C	3.76	6.21	2.00					
563-CU-1947-MB	CU-1947-MB	C	4.45	7.77	2.38					
Without Mounting Brackets										
563-CU-1941	CU-1941	C	2.13	3.27	1.12					
563-CU-1943	CU-1943	C	2.68	5.12	1.61					
563-CU-1945	CU-1945	C	3.76	6.21	2.00					
563-CU-1947	CU-1947	C	4.45	7.77	2.38					

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For current pricing,
visit mouser.com

EUsales@mouser.com

1883

Style "K"

• ABS plastic, UL94-HB flammability rating

• Three versions available:

Version 1 - press-fit cover, and molded-in wire entry points

Version 2 - screwed-on cover, molded-in wire entry points, and recessed area on cover for decal

Version 3 - snap-fit cover, and wire entry port

• Molded-in external wall/panel mounting tabs

• Finish: Black

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bud Part No.	Fig.	Version	Dimensions: in.			Price Each				
				D	W	H	1	5	10	25	
563-CU-1950	CU-1950	D	1	1.50	2.56	0.79					
563-CU-1951	CU-1951	D	1	1.50	2.56	0.98					
563-CU-1952	CU-1952	D	1	1.73	2.83	0.79					
563-CU-1953	CU-1953	D	1	1.73	2.83	0.98					
563-CU-1954	CU-1954	D	2	2.24	3.23	1.14					
563-CU-1955	CU-1955	E	3	2.69	3.48	1.29					

Style "L"

• Flame retardant ABS plastic with UL 94V-O flammability rating.

Suggested service temperature -20°C to +70°C.

• Comes with close fitting interlocking screw-on and assembly hardware.

• Horizontal PCB mounting bosses.

• Molded-in mounting brackets are provided on catalog numbers having -MB suffix.

• Finish: Fine Textured Black -- well suited for silk-screening or pad printing. Special colors available on request.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bud Part No.	Fig.	No. of Contacts	Dimensions: in.			Price Each				
				D	W	H	1	5	10	25	
563-DB-4701	DB-4701	G	12	2.57	2.76	4.43					
563-DB-4702	DB-4702	G	16	3.23	2.76	4.43					
563-DB-4703	DB-4703	G	20	3.94	2.76	4.43					
563-DB-4704	DB-4704	G	24	4.61	2.76	4.43					

With Tiered Contacts

563-DB-4754

563-DB-4751

563-DB-4703

563-DB-4704

563-DB-4702

563-DB-4701

563-DB-4700

563-DB-4705

563-DB-4752

563-DB-4753

563-DB-4755

563-DB-4756

563-DB-4757

563-DB-4758

563-DB-4759

563-DB-4760

563-DB-4761

563-DB-4762

563-DB-4763

563-DB-4764

563-DB-4765

563-DB-4766

563-DB-4767

563-DB-4768

563-DB-4769

563-DB-4770

563-DB-4771

563-DB-4772

563-DB-4773

563-DB-4774

563-DB-4775

563-DB-4776

563-DB-4777

563-DB-4778

563-DB-4779

563-DB-4780

563-DB-4781

563-DB-4782

563-DB-4783

563-DB-4784

BUD NEMA Enclosures



UL/NEMA/IEC ENCLOSURES

- Designed to IP65 of IEC529 and NEMA 1 and 3 specifications
- Hardware and accessories are available



NEMA 1 AND 3R ENCLOSURES WITH HINGED COVER

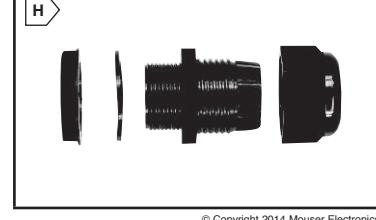
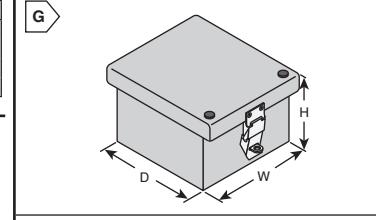
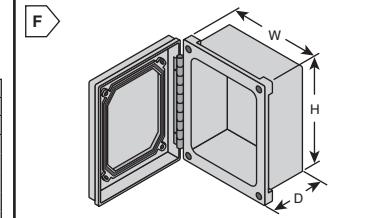
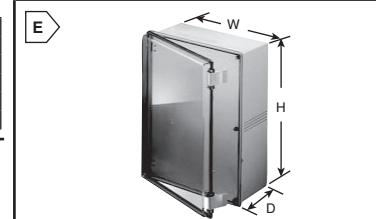
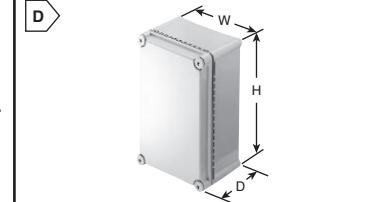
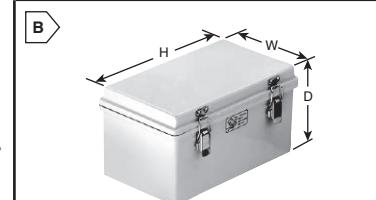
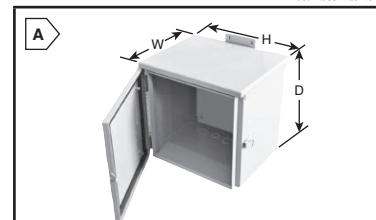
MOUSER STOCK NO.	Bud Part No.	Fig.	Door	Dimensions: in.			Price Each
				D	W	H	
563-N3R-5801	N3R-5801	A	Solid	4.00	4.00	6.00	
563-N3R-5802	N3R-5802	A	Solid	4.00	6.00	6.00	
563-N3R-5803	N3R-5803	A	Solid	4.00	6.00	8.00	
563-N3R-5804	N3R-5804	A	Solid	6.00	8.00	8.00	
563-N3R-5805	N3R-5805	A	Solid	6.00	8.00	10.00	
563-N3R-5806	N3R-5806	A	Solid	6.00	10.00	12.00	
563-N3R-5807	N3R-5807	A	Solid	6.00	12.00	12.00	
563-N3R-5808	N3R-5808	A	Solid	10.00	12.00	12.00	



NBB Series (Cont.)

- Indoor Series:** ABS/PC blended plastic enclosures: molded light gray material w/UL94-5VA flammability rating
- Outdoor Series:** PC/PBT blended plastic enclosures: molded Light Gray material w/UL94-5VA flammability rating/ UV stabilized

MOUSER STOCK NO.	Bud Part No.	Fig.	Door	Dimensions: in.			Price Each
				D	W	H	
Outdoor Series							
563-NBB-15240	NBB-15240	C	Solid	3.57	5.90	5.90	
563-NBB-15243	NBB-15243	C	Solid	5.50	7.47	11.28	
563-NBB-15245	NBB-15245	C	Solid	7.04	13.00	13.00	
563-NBB-15247	NBB-15247	C	Solid	6.30	11.73	15.68	
563-NBB-15253	NBB-15253	C	Solid	7.85	14.64	19.17	



NBA Series

- ABS/PC blended plastic with UL94-5VA flammability rating

For quantities greater than listed, call for quote.							
MOUSER STOCK NO.	Bud Part No.	Fig.	Door	Dimensions: in.			Price Each
				D	W	H	
563-NBA-10142	NBA-10142	B	Solid	5.90	7.90	11.80	
563-NBA-10162	NBA-10162	B	Clear	5.90	7.90	11.80	
563-NBA-10144	NBA-10144	B	Solid	7.10	7.90	11.80	
563-NBA-10164	NBA-10164	B	Clear	7.10	7.90	11.80	
563-NBA-10148	NBA-10148	B	Solid	7.10	11.80	15.80	
563-NBA-10168	NBA-10168	B	Clear	7.10	11.80	15.80	
563-NBA-10152	NBA-10152	B	Solid	7.87	15.75	19.68	
563-NBA-10172	NBA-10172	B	Clear	7.87	15.75	19.68	
563-NBA-10156	NBA-10156	B	Solid	9.06	15.75	23.61	
563-NBA-10176	NBA-10176	B	Clear	9.06	15.75	23.61	

NBB Series

- Indoor Series:** ABS/PC blended plastic enclosures: molded light gray material w/UL94-5VA flammability rating
- Outdoor Series:** PC/PBT blended plastic enclosures: molded from light gray material w/ UL94-5VA flammability rating & UV stabilized

For quantities greater than listed, call for quote.							
MOUSER STOCK NO.	Bud Part No.	Fig.	Door	Dimensions: in.			Price Each
				D	W	H	
563-NBD-10240	NBD-10240	C	Solid	3.57	5.90	5.90	
563-NBD-10260	NBD-10260	C	Clear	3.57	5.90	5.90	
563-NBD-10241	NBD-10241	C	Solid	4.33	6.79	10.73	
563-NBD-10261	NBD-10261	C	Clear	4.33	6.79	10.73	
563-NBD-10243	NBD-10243	C	Solid	5.50	7.47	11.28	
563-NBD-10263	NBD-10263	C	Clear	5.50	7.47	11.28	
563-NBD-10245	NBD-10245	C	Solid	7.04	13.00	13.00	
563-NBD-10265	NBD-10265	C	Clear	7.04	13.00	13.00	
563-NBD-10247	NBD-10247	C	Solid	6.30	11.73	15.68	
563-NBD-10267	NBD-10267	C	Clear	6.30	11.73	15.68	
563-NBD-10251	NBD-10251	C	Solid	5.90	10.55	14.52	
563-NBD-10271	NBD-10271	C	Clear	5.90	10.55	14.52	
563-NBD-10253	NBD-10253	C	Solid	7.85	14.64	19.17	

NBE Series

- Aluminum swingout panel
- ABS/PC blended plastic enclosures: molded out of light gray material with UL94-5VA flammability rating

For quantities greater than listed, call for quote.							
MOUSER STOCK NO.	Bud Part No.	Fig.	Door	Dimensions: in.			Price Each
				D	W	H	
563-NBE-10543	NBE-10543	E	Solid	5.50	7.47	11.28	
563-NBE-10563	NBE-10563	E	Clear	5.50	7.47	11.28	
563-NBE-10547	NBE-10547	E	Solid	6.30	11.73	15.68	
563-NBE-10567	NBE-10567	E	Clear	6.30	11.73	15.68	
563-NBE-10553	NBE-10553	E	Solid	7.85	14.64	19.17	
563-NBE-10573	NBE-10573	E	Clear	7.85	14.64	19.17	

FIBERGLASS NEMA BOXES

MOUSER STOCK NO.	Bud Part No.	Fig.	Door	Dimensions: in.			Price Each
				D	W	H	
Screw Cover							
563-NF6610	NF6610	F		4.50		7.74	7.74
563-NF6611	NF6611	F		4.50		7.76	9.64
563-NF6612	NF6612	F		6.50		9.90	11.78
563-NF6613	NF6613	F		6.50		11.90	13.78
563-NF6614	NF6614	F		6.50		13.89	15.79
Latched Cover							
563-NFL-6630	NFL-6630	G		4.50		7.74	7.74
563-NFL-6632	NFL-6632	G		6.50		9.90	11.78
563-NFL-6633	NFL-6633	G		6.50		11.90	13.78
563-NFL-6634	NFL-6634	G		6.50		13.89	15.79

CABLE GLANDS

Required to maintain NEMA 4X rating when cables enter or exit a NEMA 4 or 4X type enclosure. Assembly consisting of Black molded nylon body, hex nut, and cable nut and with a rubber gasket and cable seal. Nylon material has UL94-V2 flammability rating and -40°C to 100°C suggested service temperature.

Contact a Mouser Service Representative for a custom design solution

customize it.



For current pricing,
visit mouser.com

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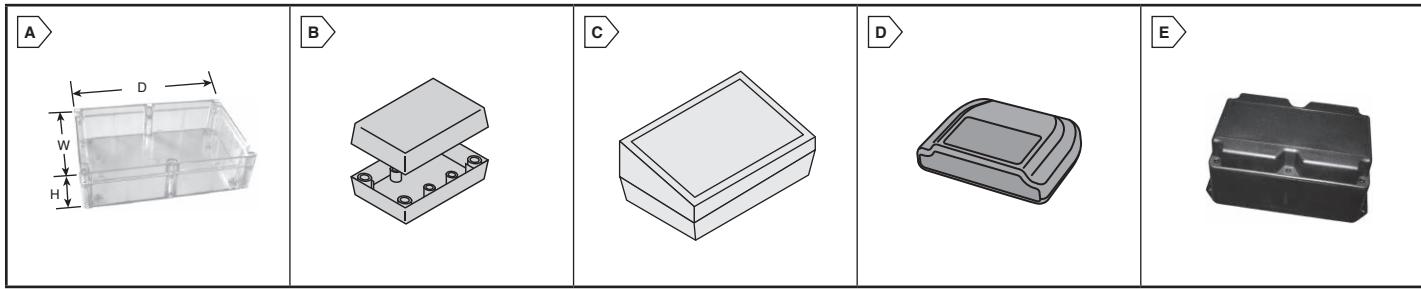
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BUD NEMA Polycarbonate and ABS Enclosures



BUD NEMA 1, 2, 4, 4X, 12 & 13, UL508 POLYCARBONATE AND ABS ENCLOSURES

Polycarbonate & high-impact ABS molded enclosures that meet NEMA 4X specifications, are ideal for PCB enclosures, junction boxes, & other applications in the electrical & electronic industry.

cUL us
LISTED
E194432

NEW
PRODUCT

Style 1

- Light Gray polycarbonate body and cover
- Body/Cover - UV stabilized, UL94-2 flammability rating
- Suggested service temperature: -40°C to 120°C

NEW
PRODUCT

Style 2

- Light Gray polycarbonate body and clear polycarbonate cover
- Body/Cover - UV stabilized, UL94-2 flammability rating
- Suggested service temperature: -40°C to 120°C

NEW
PRODUCT

Style 3

- Dark Gray ABS body and cover
- Body/Cover - UL94-HB flammability rating
- Suggested service temperature: 40°C to 80°C

NEW
PRODUCT

For quantities greater than listed, call for quote.

Dimensions: in. D W H	Fig.	MOUSER STOCK NO.	Bud Part No.	Price Each
2.56 2.28 1.38	A	563-PN-1320	PN-1320	
4.53 2.56 1.57	A	563-PN-1321	PN-1321	
4.53 2.56 2.17	A	563-PN-1322	PN-1322	
4.53 3.54 2.17	A	563-PN-1323	PN-1323	
6.73 4.76 2.17	A	563-PN-1324	PN-1324	
8.74 5.75 2.17	A	563-PN-1325	PN-1325	
7.68 3.15 2.17	A	563-PN-1326	PN-1326	
6.73 4.76 3.15	A	563-PN-1327	PN-1327	
4.53 3.54 3.15	A	563-PN-1328	PN-1328	
8.74 5.75 2.95	A	563-PN-1329	PN-1329	
2.05 1.97 1.38	A	563-PN-1330	PN-1330	
3.23 3.15 2.17	A	563-PN-1331	PN-1331	
6.30 3.15 2.17	A	563-PN-1332	PN-1332	
6.30 3.15 3.35	A	563-PN-1333	PN-1333	
7.87 4.72 2.95	A	563-PN-1334	PN-1334	
10.43 7.28 3.74	A	563-PN-1335	PN-1335	
4.72 4.72 2.36	A	563-PN-1336	PN-1336	
4.72 4.72 3.54	A	563-PN-1337	PN-1337	
6.30 6.30 2.36	A	563-PN-1338	PN-1338	
6.30 6.30 3.54	A	563-PN-1339	PN-1339	
9.45 6.30 3.54	A	563-PN-1340	PN-1340	
9.45 6.30 4.72	A	563-PN-1341	PN-1341	
11.81 9.06 3.39	A	563-PN-1342	PN-1342	
11.81 9.06 4.37	A	563-PN-1343	PN-1343	
14.17 7.87 5.91	A	563-PN-1344	PN-1344	

With Mounting Brackets

2.56 2.28 1.38	A	563-PN-1320-MB	PN-1320-MB
4.53 2.56 1.57	A	563-PN-1321-MB	PN-1321-MB
4.53 2.56 2.17	A	563-PN-1322-MB	PN-1322-MB
4.53 3.54 2.17	A	563-PN-1323-MB	PN-1323-MB
6.73 4.76 2.17	A	563-PN-1324-MB	PN-1324-MB
8.74 5.75 2.17	A	563-PN-1325-MB	PN-1325-MB
7.68 3.15 3.15	A	563-PN-1327-MB	PN-1327-MB
6.73 4.76 3.15	A	563-PN-1328-MB	PN-1328-MB
4.53 3.54 2.95	A	563-PN-1329-MB	PN-1329-MB

With Mounting Brackets

563-PN-1320-CMB	PN-1320-CMB
563-PN-1321-CMB	PN-1321-CMB
563-PN-1322-CMB	PN-1322-CMB
563-PN-1323-CMB	PN-1323-CMB
563-PN-1324-CMB	PN-1324-CMB
563-PN-1325-CMB	PN-1325-CMB
563-PN-1327-CMB	PN-1327-CMB
563-PN-1328-CMB	PN-1328-CMB
563-PN-1329-CMB	PN-1329-CMB
563-PN-1330-CMB	PN-1330-CMB
563-PN-1331-CMB	PN-1331-CMB
563-PN-1332-CMB	PN-1332-CMB
563-PN-1333-CMB	PN-1333-CMB
563-PN-1334-CMB	PN-1334-CMB
563-PN-1335-CMB	PN-1335-CMB
563-PN-1336-CMB	PN-1336-CMB
563-PN-1337-CMB	PN-1337-CMB
563-PN-1338-CMB	PN-1338-CMB
563-PN-1339-CMB	PN-1339-CMB
563-PN-1340-CMB	PN-1340-CMB
563-PN-1341-CMB	PN-1341-CMB
563-PN-1342-CMB	PN-1342-CMB
563-PN-1343-CMB	PN-1343-CMB
563-PN-1344-CMB	PN-1344-CMB

* Dimensions exclude brackets

PLASTIBOX™

Style A:

- Has squared corners, provisions for mounting horizontal and vertical PCBs, and four non-skid feet
- UL94-HB flammability rating
- Temperature rating: -40°C to +60°C
- Available in Black or Gray

Style I:

- Unique, contemporary styling with rounded corners and edges
- Durable, self-extinguishing, ABS plastic material with UL94-5VA flammability rating
- Mar resistant textured surface
- Internal PCB mounting bosses
- Base is securely attached to the cover with four color matched screws
- PT-11754-DW features a display window
- Color: Black

Style J:

- Designed to meet NEMA 4X and IP65 Specifications
- Easily removable cover screws into threaded brass inserts in base
- Molded in flanges allow easy wall or panel mounting without having to open enclosure
- 8 PCB mounting bosses in base
- PT-11801 has an additional 6 inside elevated cover
- Color: Textured Matte Black

Style K:

- Time saving, hinged, snap closed cover that is easily opened by hand
- Rubber inserts are easily cut to allow cable entry ports
- Durable, self-extinguishing, ABS plastic material with UL94-HB flammability rating
- Mar-resistant textured surface
- Internal PCB mounting bosses
- Available in Black or Gray

Style L:

- 2 piece, screw together desktop enclosure with sloping cover
- Durable, self-extinguishing, ABS plastic material with UL94-H flammability rating
- Mark-resistant textured surface
- Internal PCB mounting bosses
- Available in Bone Gray

*DW: Display Window

MP: Wall Mount

Finishes:

Available in two types of finishes and with or without battery compartments, refer to the following prefix description to insure proper ordering.

PS: Textured body with smooth insert

PT: Textured body with textured top

PBS: Textured body with smooth top insert and 9V battery compartment

PSS: Textured body with smooth top and end panels

PSP: Textured body with smooth top and sloped panels

PBSP: Textured body with smooth top, and sloped panel, and battery compartment

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Contact a Mouser Service Representative for custom modification.

For current pricing,
visit mouser.com

MOUSER STOCK NO.	Fig.	Color	Style	Outside Dimensions: in. H x W x D	Price Each
563-PT-11308-B	B	Black	A	3.62 x 2.25 x 1.50	
563-PT-11308-G	B	Gray	A	3.62 x 2.25 x 1.50	
563-PBS-11327-B	B	Black	A	5.62 x 3.25 x 1.50	
563-PT-11327-G	B	Gray	A	5.62 x 3.25 x 1.50	
563-PT-11372-B	B	Black	A	3.62 x 2.25 x 2.50	
563-PT-11372-G	B	Gray	A	3.62 x 2.25 x 2.50	
563-PT-11388-B	B	Black	A	5.62 x 3.25 x 2.48	
563-PT-11388-G	B	Gray	A	5.62 x 3.25 x 2.48	
563-PT-11820	C	Gray	L	7.40 x 5.24 x 2.22	
563-PT-11743	D	Black	I	3.00 x 4.00 x 1.38	
563-PT-11754	D	Black	I	4.00 x 5.50 x 1.38	
563-PT-11754-DW*	D	Black	I	4.00 x 5.50 x 1.38	
563-PT-11785	D	Black	I	5.00 x 7.50 x 1.75	
563-PT-11785-MP*	D	Black	I	5.00 x 7.50 x 1.75	
563-PT-11800	E	Black	J	8.25 x 5.00 x 3.00	
563-PT-11801	E	Black	J	8.25 x 5.00 x 4.33	

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1885

Bud
Plastic Boxes

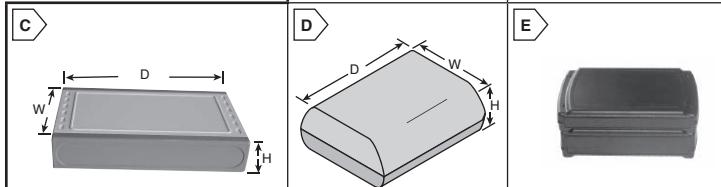
BUD Potting Boxes and Plastic Enclosures



BID PLASTICASE™

- UL94-HB flammability rating
 - Impact resistant Polystyrene
 - Molded-in card guides and mounting bosses
 - Comes complete with stainless steel screws and rubber feet
 - Finish: Double-Textured PC Bone Gray

Contact a Mouser Service Representative
for custom modification.



For quantities greater than listed, call for quote.										
MOUSER STOCK NO.	Bud Part No.	Fig.	Dimensions: in.			Panel Size (in.)	Price Each			
			D	W	H		1	5	10	25
563-PC-11402	PC-11402	A	5.30	5.08	1.53	1.31 x 4.75				
563-PC-11403	PC-11403	A	5.30	7.06	1.53	1.31 x 6.73				
563-PC-11404	PC-11404	A	9.62	6.33	1.55	1.33 x 5.99				
563-PC-11406	PC-11406	A	6.32	6.12	2.52	2.31 x 5.75				
563-PC-11408	PC-11408	A	6.32	8.10	2.52	2.31 x 7.75				
563-PC-11410	PC-11410	B	6.32	6.12	3.30	3.09 x 5.75				
563-PC-11412	PC-11412	B	6.32	8.10	3.30	3.09 x 7.75				
563-PC-11414	PC-11414	B	6.32	6.12	4.04	3.83 x 5.75				
563-PC-11416	PC-11416	B	6.32	8.10	4.04	3.83 x 7.75				
563-PC-11418	PC-11418	B	5.30	5.08	2.06	1.84 x 4.75				
563-PC-11420	PC-11420	B	5.30	7.06	2.06	1.84 x 6.73				
563-PC-11475	PC-11475	C	4.13	1.61	1.00	--				
563-PC-11476	PC-11476	C	5.12	3.00	1.18	--				
563-PC-11477	PC-11477	C	6.10	3.62	1.16	--				
563-PC-11478	PC-11478	C	7.87	4.76	1.57	--				
563-PC-11535	PC-11535	D	5.00	3.80	1.50	-				
563-PC-11555	PC-11555	D	5.50	5.25	1.63	-				
563-PC-11565	PC-11565	D	6.75	6.25	1.63	-				
563-PC-11640	PC-11640	E	9.18	5.25	1.68	-				
563-PC-11645	PC-11645	F	9.18	5.25	2.36	-				

BUD PI SERIES

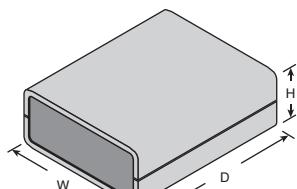
This line of molded enclosures is ideally suited for instrumentation and telecom equipment from hand held to desk top sizes. Available in twelve sizes and two versions.

Version #1 - Dark Gray ABS covers with Light Gray ABS end panels. UL94V-0 flammability rating, suggested service temperature, 40°C to 80°C.

Version #2 - Light Gray ABS covers with Dark Gray ABS end panels. UL94-HB flammability rating, suggested service

Design Features-

- Designed to IP 54 of IEC 529
 - Two part design with tongue and groove joint between top and bottom covers and specially designed end panels
 - Internal guide slots provide for vertical mounting of PCBs
 - Internal bosses provided for horizontal mounting of PCBs
 - Top and bottom covers are lightly textured providing a scratch-resistant high quality finish
 - Four screws are countersunk in the bottom cover and threaded into internal bosses which secure the top cover and end panels; contact a Mouser Service Representative for custom modifications.



MOUSER STOCK NO.		Bud Part No.	Dimensions: in.			Price Each				
			D	W	H	1	5	10	25	
Version 1										
563-PI-1900		PI-1900	3.54	1.97	0.63					
563-PI-1901		PI-1901	3.54	1.97	0.94					
563-PI-1902		PI-1902	3.54	1.97	1.26					
563-PI-1903		PI-1903	4.72	2.36	1.18					
563-PI-1904		PI-1904	4.72	2.36	1.57					
563-PI-1905		PI-1905	4.72	2.36	1.97					
563-PI-1906		PI-1906	5.91	3.15	1.18					
563-PI-1907		PI-1907	5.91	3.15	1.77					
563-PI-1908		PI-1908	5.91	3.15	2.36					
563-PI-1909		PI-1909	7.48	3.94	1.57					
563-PI-1910		PI-1910	7.48	3.94	2.36					
563-PI-1911		PI-1911	7.48	3.94	3.15					
Version 2										
563-PI1900-LG		PI-1900-LG	3.54	1.97	0.63					
563-PI-1901-LG		PI-1901-LG	3.54	1.97	0.94					
563-PI-1902-LG		PI-1902-LG	3.54	1.97	1.26					
563-PI-1903-LG		PI-1903-LG	4.72	2.36	1.18					
563-PI-1904-LG		PI-1904-LG	4.72	2.36	1.57					
563-PI-1905-LG		PI-1905-LG	4.72	2.36	1.97					
563-PI-1906-LG		PI-1906-LG	5.91	3.15	1.18					
563-PI-1907-LG		PI-1907-LG	5.91	3.15	1.77					
563-PI-1908-LG		PI-1908-LG	5.91	3.15	2.36					
563-PI-1909-LG		PI-1909-LG	7.48	3.94	1.57					
563-PI-1910-LG		PI-1910-LG	7.48	3.94	2.36					
563-PI-1911-LG		PI-1911-LG	7.48	3.94	3.15					

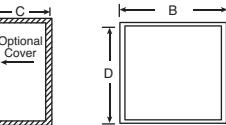
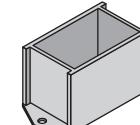
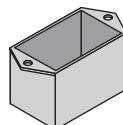
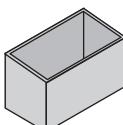
POTTING BOXES AND COVERS

Available in 3 styles and a variety of sizes, these low cost enclosures are made of tough, lightweight ABS thermoplastic.

Flammability rating: UL94V-0

Suggested service temperature: 20°C to +70°C

Optional close-fitting covers are available in all sizes.



G **E** **E**

HAMMOND NEMA Watertight Enclosures



Common Specifications:

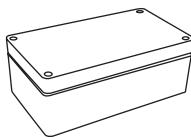
- Ideally suited for mounting printed circuit boards or DIN rail mounted components
- Color is light gray (RAL 7035)
- Gasketed lid with two piece "tongue & groove" construction provides protection against access of oil, dust, and water
- Gasket is factory poured using high temperature U.L. listed - silicon gasket material

- Designed to meet IP 66 & NEMA 4, 4X, 12 & 13 ratings
- Lid is secured with self capturing - M4 stainless steel machine screws (included), threaded into integral stainless steel bushings (for repetitive assembly & disassembly)
- All stainless steel hardware to avoid corrosion caused by dissimilar metals

WATERTIGHT POLYCARBONATE ENCLOSURES WITH FLAT LID

Specifications:

- Material: Polycarbonate (material carries a UL flammability rating of UL94 5V)
- Recommended for outdoor use
- Internal DIN rail mounting tabs: molded in all (except 1554C2GY)
- Vertical P.C. card guides (for 1.5mm thick P.C. boards) are molded in all but the smallest size enclosure (1554B2GY)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Dimensions: in.			Price Each		
		L	W	H	1	5	10
546-1554B2GY	1554B2GY	2.6	2.6	1.6			
546-1554C2GY	1554C2GY	4.7	2.6	1.6			
546-1554D2GY	1554D2GY	4.7	2.6	2.4			
546-1554E2GY	1554E2GY	3.5	3.5	2.4			
546-1554F2GY	1554F2GY	4.7	3.5	2.4			
546-1554G2GY	1554G2GY	4.7	3.5	3.2			
546-1554J2GY	1554J2GY	6.3	3.5	2.4			
546-1554K2GY	1554K2GY	6.3	3.5	3.5			
546-1554N2GY	1554N2GY	4.7	4.7	2.4			
546-1554P2GY	1554P2GY	4.7	4.7	3.15			
546-1554H2GY	1554H2GY	7.1	4.7	2.4			
546-1554R2GY	1554R2GY	6.3	6.3	2.4			
546-1554S2GY	1554S2GY	6.3	6.3	3.5			

WATERTIGHT POLYCARBONATE ENCLOSURES WITH "STYLED" LID

Specifications:

- "Styled" lid version has three main advantages over the flat lid (1554 series): Smooth recessed surface on lid for a membrane keypad or label; standoffs molded in the interior of the lid (except for 1555BGY); more modern "styled" look vs. our traditional flat lid (1554 series)
- Material: Polycarbonate (material carries a UL flammability rating of UL94 5V)
- Recommended for outdoor use.
- Internal DIN rail mounting tabs: molded in all (except 1555C2GY)
- Vertical P.C. card guides (for 1.5mm thick P.C. boards) are molded in all but the smallest size enclosure (1555B2GY).



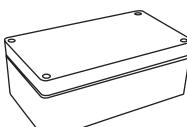
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Dimensions: in.			Price Each		
		L	W	H	1	5	10
546-1555B2GY	1555B2GY	2.6	2.6	1.6			
546-1555C2GY	1555C2GY	4.7	2.6	1.6			
546-1555D2GY	1555D2GY	4.7	2.6	2.4			
546-1555E2GY	1555E2GY	3.5	3.5	2.4			
546-1555F2GY	1555F2GY	4.7	3.5	2.4			
546-1555G2GY	1555G2GY	4.7	3.5	3.2			
546-1555J2GY	1555J2GY	6.3	3.5	2.4			
546-1555K2GY	1555K2GY	6.3	3.5	3.5			
546-1555N2GY	1555N2GY	4.7	4.7	2.4			
546-1555P2GY	1555P2GY	4.7	4.7	3.5			
546-1555H2GY	1555H2GY	7.1	4.7	2.4			
546-1555T2GY	1555T2GY	7.1	4.7	3.5			
546-1555R2GY	1555R2GY	6.3	6.3	2.4			
546-1555S2GY	1555S2GY	6.3	6.3	3.5			

WATERTIGHT POLYCARBONATE ENCLOSURES WITH CLEAR LID

Specifications:

- Clear polycarbonate lid allows for maximum visibility of protected internal components.
- Material - Polycarbonate (material carries a UL flammability rating of UL94 5V).
- Recommended for outdoor use.
- Internal DIN rail mounting tabs: molded in all (except 1554C2GYCL)
- Vertical P.C. card guides (for 1.5mm thick P.C. boards) are molded in all but the smallest size enclosure (1554B2GYCL).



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Dimensions: in.			Price Each		
		L	W	H	1	5	10
546-1554B2GYCL	1554B2GYCL	2.6	2.6	1.6			
546-1554C2GYCL	1554C2GYCL	4.7	2.6	1.6			
546-1554D2GYCL	1554D2GYCL	4.7	2.6	2.4			
546-1554E2GYCL	1554E2GYCL	3.5	3.5	2.4			
546-1554F2GYCL	1554F2GYCL	4.7	3.5	2.4			
546-1554G2GYCL	1554G2GYCL	4.7	3.5	3.2			
546-1554J2GYCL	1554J2GYCL	6.3	3.5	2.4			
546-1554K2GYCL	1554K2GYCL	6.3	3.5	3.5			
546-1554N2GYCL	1554N2GYCL	4.7	4.7	2.4			
546-1554P2GYCL	1554P2GYCL	4.7	4.7	3.15			
546-1554H2GYCL	1554H2GYCL	7.1	4.7	2.4			
546-1554R2GYCL	1554R2GYCL	6.3	6.3	2.4			
546-1554S2GYCL	1554S2GYCL	6.3	6.3	3.5			
546-1554U2GYCL	1554U2GYCL	7.9	4.7	3.5			

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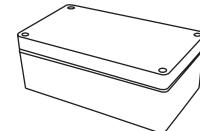
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WATERTIGHT ABS PLASTIC ENCLOSURES WITH FLAT LID

Specifications:

- Material: General purpose ABS plastic (material carries a UL flammability rating of UL94 HB)
- Not recommended for outdoor use (please see the polycarbonate 1554 series)
- Internal DIN rail mounting tabs: molded in all (except 1554CGY)
- Vertical P.C. card guides (for 1.5mm thick P.C. boards) are molded in all but the smallest size enclosure (1554B2GY)



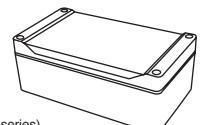
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Dimensions: in.			Price Each		
		L	W	H	1	5	10
546-1554BGY	1554BGY	2.6	2.6	1.6			
546-1554CGY	1554CGY	4.7	2.6	1.6			
546-1554DGY	1554DGY	4.7	2.6	2.4			
546-1554EGY	1554EGY	3.5	3.5	2.4			
546-1554FGY	1554FGY	4.7	3.5	2.4			
546-1554GGY	1554GGY	4.7	3.5	3.2			
546-1554JGY	1554JGY	6.3	3.5	2.4			
546-1554KGY	1554KGY	6.3	3.5	3.5			
546-1554NGY	1554NGY	4.7	4.7	2.4			
546-1554PGY	1554PGY	4.7	4.7	3.15			
546-1554HGY	1554HGY	7.1	4.7	2.4			
546-1554TGY	1554TGY	7.1	4.7	3.15			
546-1554RGY	1554RGY	6.3	6.3	2.4			

WATERTIGHT ABS PLASTIC ENCLOSURES WITH "STYLED" LID

Specifications:

- "Styled" lid version has three main advantages over the flat lid (1554 series): Smooth recessed surface on lid for a membrane keypad or label; standoffs molded in the interior of the lid (except for 1555BGY) - designed for #6 self tapping screws; and more modern "styled" look vs. our traditional flat lid (1554 series)
- Material: General purpose ABS plastic (material carries a UL flammability rating of UL94 HB)
- Not recommended for outdoor use (please see the polycarbonate 1555 series)
- Internal DIN rail mounting tabs: molded in all (except 1555CGY)
- Vertical P.C. card guides (for 1.5mm thick P.C. boards) are molded in all but the smallest size enclosure (1555BGY)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Dimensions: in.			Price Each		
		L	W	H	1	5	10
546-1555BGY	1555BGY	2.6	2.6	1.6			
546-1555CGY	1555CGY	4.7	2.6	1.6			
546-1555DGY	1555DGY	4.7	2.6	2.4			
546-1555EGY	1555EGY	3.5	3.5	2.4			
546-1555FGY	1555FGY	4.7	3.5	2.4			
546-1555GGY	1555GGY	4.7	3.5	3.2			
546-1555JGY	1555JGY	6.3	3.5	2.4			
546-1555KGY	1555KGY	6.3	3.5	3.5			
546-1555NGY	1555NGY	4.7	4.7	2.4			
546-1555PGY	1555PGY	4.7	4.7	3.15			
546-1555HGY	1555HGY	7.1	4.7	2.4			
546-1555TGY	1555TGY	7.1	4.7	3.15			
546-1555RGY	1555RGY	6.3	6.3	2.4			
546-1555SGY	1555SGY	6.3	6.3	3.5			

*Series Size printed in BOLD in Hammond Part Number

MOUSER STOCK NO.	Hammond Part No.	*Use With Series Size:	Dimensions: in.			Price Each		
			L	W	1	5	10	
546-1554BPL	1554BPL	B	2.2	2.2				
546-1554CPL	1554CPL	C & D	4.4	2.1				
546-1554EPL	1554EPL	E	3.1	3.1				
546-1554FPL	1554FPL	F & G	4.3	3.1				
546-1554HPL	1554HPL	H & T	6.6	4.2				
546-1554JPL	1554JPL	J & K	5.8	3.0				
546-1554NPL	1554NPL	N & P	4.25	4.2				
546-1554RPL	1554RPL	R & S	5.94	5.8				
546-1554UPL	1554UPL	U	7.6	4.2				
546-1554VPL	1554VPL	V	9.1	5.7				
546-1555FFPL	1555FFPL	F	111	59				
546-1555JFPL	1555JFPL	J	111	59				

HAMMOND Hand Held and Heavy Duty Plastic Enclosures



HAMMOND MINIATURE HAND HELD PLASTIC ENCLOSURES

- Ideally suited for mounting small printed circuit boards or as potting boxes
- Designed to meet IP54

* Not all available

Replace the __ with BK for Black or GY for Gray or TBU for Translucent Blue

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Price Each			
			L	W	H	1	25	50	100
Without Key Ring Kit									
546-1551N	1551N	A	1.38	1.38	0.59				
546-1551M	1551M	A	1.38	1.38	0.79				
546-1551Q	1551Q	A	1.58	1.58	0.59				
546-1551P	1551P	A	1.58	1.58	0.79				
546-1551F	1551F	A	1.97	1.38	0.59				
546-1551G	1551G	A	1.97	1.38	0.79				
546-1551S	1551S	A	1.97	1.97	0.59				
546-1551R	1551R	A	1.97	1.97	0.79				
546-1551J	1551J	A	2.36	1.38	0.59				
546-1551H	1551H	A	2.36	1.38	0.79				
546-1551L	1551L	A	3.15	1.58	0.59				
546-1551K	1551K	A	3.15	1.58	0.79				
With Key Ring Kit									
* 546-1551GR	1551GR	A	1.97	1.38	0.67				
* 546-1551HR	1551HR	A	2.36	1.38	0.67				
* 546-1551KRBK	1551KRBK	A	3.15	1.57	0.67				

HAMMOND MINIATURE FLANGED LID PLASTIC ENCLOSURES

- Ideally suited for mounting small printed circuit boards or as potting boxes
- Flanged lid is perfect for wall or shelf mounting or suspending with a tie wrap
- Designed to meet IP54

Replace the __ with BK for Black or GY for Gray

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Price Each			
			L	W	H	1	25	50	100
546-1551NFL	1551NFL	B	1.38	1.38	0.59				
546-1551MFL	1551MFL	B	1.38	1.38	0.79				
546-1551QFL	1551QFL	B	1.58	1.58	0.59				
546-1551PFL	1551PFL	B	1.58	1.58	0.79				
546-1551FFL	1551FFL	B	1.97	1.38	0.59				
546-1551GFL	1551GFL	B	1.97	1.38	0.79				
546-1551SFL	1551SFL	B	1.97	1.97	0.59				
546-1551RFL	1551RFL	B	1.97	1.97	0.79				
546-1551JFL	1551JFL	B	2.36	1.38	0.59				
546-1551HFL	1551HFL	B	2.36	1.38	0.79				
546-1551LFL	1551LFL	B	3.15	1.58	0.59				
546-1551KFL	1551KFL	B	3.15	1.58	0.79				

HAMMOND HEAVY DUTY THICK WALL RFI CONDUCTIVE PLASTIC ENCLOSURES

- Designed for EMI/RFI shielding applications
- Heavy duty, thick wall design with an average wall thickness of .13"
- Flammability rating: UL 94V-0
- Designed to meet IP54

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Price Each			
			L	W	H	1	5	10	25
546-1594RFIABK	1594RFIABK	C	2.17	2.17	1.10				
546-1594RFIBBK	1594RFIBBK	C	3.15	2.17	1.10				
546-1594RFICBK	1594RFICBK	C	4.13	2.56	1.30				
546-1594RFIDBK	1594RFIDBK	C	5.12	2.56	1.70				
546-1594RFIEBK	1594RFIEBK	C	6.50	4.13	2.09				

HAMMOND RFI - HAND HELD CONDUCTIVE PLASTIC ENCLOSURES

- Designed for EMI/RFI shielding applications
- Flammability rating: UL 94V-0
- Designed to meet IP54

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Price Each			
			L	W	H	1	5	10	25
546-1599RFIBBK	1599RFIBBK	D	5.12	2.56	0.98				
546-1599RFIEBK	1599RFIEBK	D	6.70	3.35	1.33				
546-1599RFIHBK	1599RFIHBK	D	8.66	4.33	1.73				
546-1599RFIKBK	1599RFIKBK	D	8.66	5.50	1.60				

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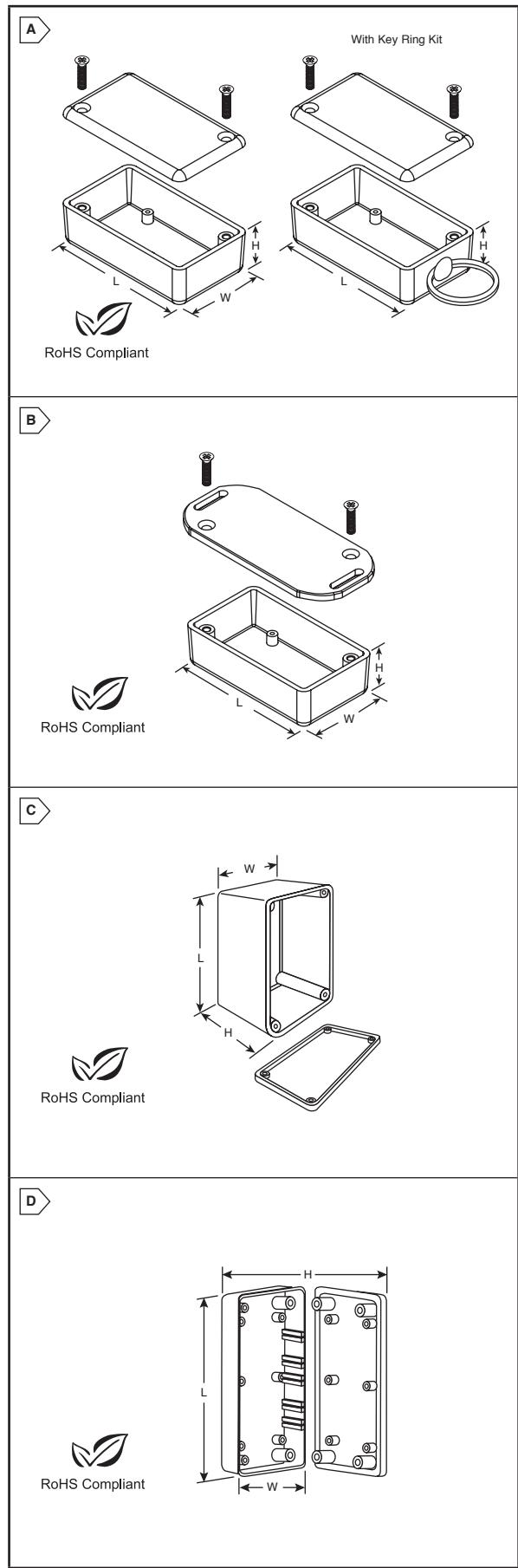
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HAMMOND Potting Boxes and Plastic Enclosures

HAMMOND
MANUFACTURING..

ABS PLASTIC - SOFT SIDED HAND HELD ENCLOSURES

- Over molded in general purpose ABS plastic with a soft plastic grip
- Top cover is recessed for membrane display or keypad

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Enclosure Color	Soft Side Color	Batt. Door	Dimensions: in.	Price Each				
						1	5	10	25	
546-1553AABK	A	Black	Gray	No	2.95 1.97 .67					
546-1553AAGY	A	Gray	Gray	No	2.95 1.97 .67					
546-1553ABK	A	Black	Black	No	3.93 1.90 .669					
546-1553AGY	A	Gray	Gray	No	3.93 1.90 .669					
546-1553BBK	A	Black	Gray	No	4.62 3.11 .95					
546-1553BGY	A	Gray	Gray	No	4.62 3.11 .95					
546-1553BBKBK	A	Black	Black	No	4.62 3.11 .95					
546-1553BTBUBK	A	TransBlue	Black	No	4.62 3.11 .95					
546-1553BRDBK	A	Red	Black	No	4.62 3.11 .95					
546-1553BYLBK	A	Yellow	Black	No	4.62 3.11 .95					
546-1553DBK	A	Black	Gray	No	5.80 3.50 .98					
546-1553DGY	A	Gray	Gray	No	5.80 3.50 .98					
546-1553DBKBK	A	Black	Black	No	5.80 3.50 .98					
546-1553DTBUBK	A	TransBlue	Black	No	5.80 3.50 .98					
546-1553DRDBK	A	Red	Black	No	5.80 3.50 .98					
546-1553DYLBK	A	Yellow	Black	No	5.80 3.50 .98					
546-1553CBK	A	Black	Gray	Yes	3.93 2.40 .67					
546-1553CGY	A	Gray	Gray	Yes	3.93 2.40 .67					
546-1553CBKBAT	A	Black	Gray	Yes	4.61 3.11 1.26					
546-1553CGYBAT	A	Gray	Gray	Yes	4.61 3.11 1.26					
546-1553CBKBAT	A	Black	Gray	Yes	4.62 3.11 .95					
546-1553BGYBAT	A	Gray	Gray	Yes	4.62 3.11 .95					
546-1553BBKBAT	A	Black	Black	Yes	4.62 3.11 .95					
546-1553BTBUBKBAT	A	TransBlue	Black	Yes	4.62 3.11 .95					
546-1553BRDBKBAT	A	Red	Black	Yes	4.62 3.11 .95					
546-1553BYLBKBAT	A	Yellow	Black	Yes	4.62 3.11 .95					
546-1553DBKBAT	A	Black	Gray	Yes	5.80 3.50 .98					
546-1553DGYBAT	A	Gray	Gray	Yes	5.80 3.50 .98					
546-1553DBKBAT	A	Black	Black	Yes	5.80 3.50 .98					
546-1553TBKBAT	A	TransBlue	Black	Yes	5.80 3.50 .98					
546-1553DRDBKBAT	A	Red	Black	Yes	5.80 3.50 .98					
546-1553DYLKBAT	A	Yellow	Black	Yes	5.80 3.50 .98					

BPS PRINTED CIRCUIT BOARDS FOR 1553 ENCLOSURES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions: in. (mm)	Use with Enclosure	Price Each				
				1	5	10	25	
854-PR1553B	B	2.8 x 4.3 (71 x 108)	1553 B Series					

ABS PLASTIC & POLYCARB WATERLIGHT FLANGED LID

- Purchased assembly includes Box, Lid, 4 x M4 x 20 SS Cover Screws and Preformed Silicone Gasket
- Cover screws should be torqued to 2.5 lbf-in (30 cN-m)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Material	Batt. Door	Dimensions: in.	Price Each				
					1	5	10	25	
546-1555NF17GY	C	ABS Plastic	No	6.33 4.48 1.85					
546-1555N2F17GY	C	Polycarbonate	No	6.33 4.48 1.47					
546-1555N17GY	C	ABS Plastic	No	7.91 3.57 2.44					
546-1555N2F42GY	C	Polycarbonate	No	6.33 4.48 2.44					
546-1555CF22GY	C	ABS Plastic	No	4.72 2.59 1.65					
546-1555CF42GY	C	ABS Plastic	No	4.72 2.59 2.44					
546-1555C2F42GY	C	Polycarbonate	No	4.72 2.59 2.44					
546-1555FF17GY	C	ABS Plastic	No	4.72 3.58 1.45					
546-1555F2F17GY	C	Polycarbonate	No	4.72 3.58 1.45					
546-1555FF42GY	C	ABS Plastic	No	4.72 3.58 2.44					
546-1555F2F42GY	C	Polycarbonate	No	4.72 3.58 2.44					
546-1555JF17GY	C	ABS Plastic	No	6.26 3.58 1.45					
546-1555J2F17GY	C	Polycarbonate	No	6.26 3.58 1.45					
546-1555JF42GY	C	ABS Plastic	No	6.26 3.58 2.44					
546-1555J2F42GY	C	Polycarbonate	No	6.26 3.58 2.44					
546-1555HF17GY	C	ABS Plastic	No	8.69 4.76 1.47					
546-1555H2F17GY	C	Polycarbonate	No	8.69 4.76 1.47					
546-1555HF42GY	C	ABS Plastic	No	8.69 4.76 2.44					
546-1555H2F42GY	C	Polycarbonate	No	8.69 4.76 2.44					

TWO PIECE FIXED PANEL PLASTIC ENCLOSURES

- Rugged electronic instrument enclosures, ideally suited for mounting printed circuit boards for hand-held, desktop, or wall mount applications
- Molded in polystyrene plastic
- Assembled with four M3x0.5" (13mm) Phillips machine screws (included) threaded into integral bushings

Includes four self tapping screws for internal standoffs

Lid is a smooth light gray, and the bottom is a smooth dark gray

Designed to meet IP54

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ventilated Lid	Dimensions: in.			Price Each				
			L	W	H	1	5	10	25	
546-MB655030	D	No	2.56	1.97	1.18					
546-MB655045	D	No	2.56	1.97	1.77					
546-MB105025	D	No	3.94	1.97	0.98					
546-MB105040	D	No	3.94	1.97	1.57					
546-MB105040VL	D	Yes	3.94	1.97	1.57					
546-MB126540	D	No	4.72	2.56	1.57					
546-MB126540VL	D	Yes	4.72	2.56	1.57					
546-MB181170	D	No	7.40	4.33	2.76					
546-MB181170VL	D	Yes	7.40	4.33	2.76					
546-MB181112	D	No	7.40	4.33	4.72					

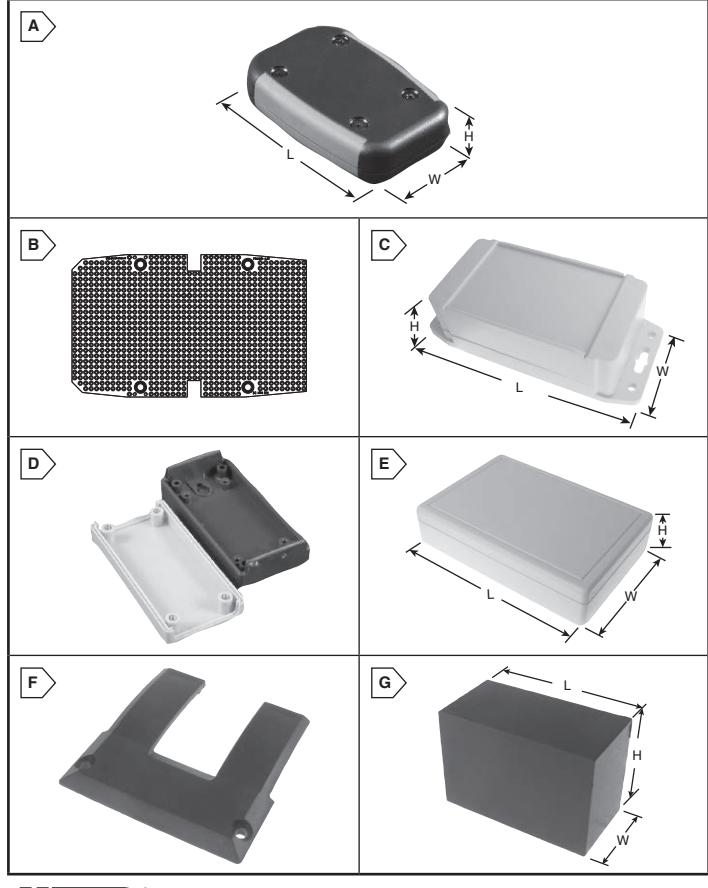
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MG Chemicals SUPER SHIELD CONDUCTIVE COATING

A general purpose EMI/RFI shielding spray for use on plastic electronics enclosures. Consists of a tough, durable acrylic base pigmented with a high purity nickel flake. Surface resistance of approximately 0.7ohms.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Enclosure Color	Dimensions: in.			Price Each			
			L	W	H	1	5	10	25
546-001111	E	Gray	1.57	2.36	0.73				

Pocket/Belt Clip

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Price Each				
			1	5	10	25	
546-001151	F	Black					

HAMMOND POTTING BOXES

One piece molded construction
Molded from Black General Purpose ABS Plastic

Temperature rated -20°C to +94°C

1.0mm (0.04") wall thickness

For quantities greater than listed, call for quote.

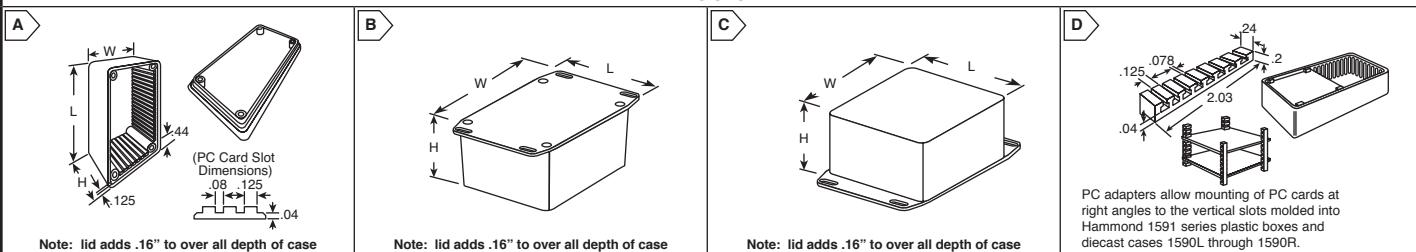
MOUSER STOCK NO.	Fig.	Dimensions: in.	Price Each				
			1	25	50	100	
546-1596B109	G	0.46	0.46	0.35			
546-1596B110	G	0.85	0.55	0.46			
546-1596B101	G	0.98	0.79	0.59			
546-1596B102	G	1.18	0.79	0.59			
546-1596B111	G	1.18	1.18	0.79			
546-1596B103	G	1.57	1.37	0.79			
546-1596B107	G	1.57	1.57	0.79			
546-1596B113	G	1.57	1.57	1.15			
546-1596B104	G	1.96	1.57	1.18			
546-1596B-108	G	1.96	1.96	1.18			
546-1596B105	G	2.95	1.98	1.39			
546-1596B115	G	3.50	2.52	1.28			
546-1596B106	G	3.93	2.36	0.99			

HAMMOND Multipurpose Plastic Enclosures

RoHS Compliant This product is RoHS compliant.

HAMMOND MANUFACTURING™

DIMENSIONS: in.



Note: lid adds .16" to over all depth of case

Note: lid adds .16" to over all depth of case

Note: lid adds .16" to over all depth of case

PC adapters allow mounting of PC cards at right angles to the vertical slots molded into Hammond 1591 series plastic boxes and diecast cases 1590L through 1590R.

ABS MULTIPURPOSE INSTRUMENT ENCLOSURES

- UL flammability rating of 94V-0
- Comes with M3 x 5 x 10mm, Phillips machine screws, countersunk lid, and tapped integral brass bushings
- Two piece lap joint construction provides against dust accumulation and splashing water
- Designed to meet IP54
- Card guides accept .062" PC cards
- 1591E has a removable center brace

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Dimensions: in.			Price Each		
			L	W	H	1	5	10
Without Flanged Lid								
546-1591M-BK	A	Black	3.30	2.20	.80			
546-1591MGY	A	Gray	3.30	2.20	.80			
546-1591MBU	A	Blue	3.30	2.20	.80			
546-1591LBK	A	Black	3.30	2.20	1.40			
546-1591LGY	A	Gray	3.30	2.20	1.40			
546-1591LBU	A	Blue	3.30	2.20	1.40			
546-1591A-BK	A	Black	3.90	2.00	.80			
546-1591AGY	A	Gray	3.90	2.00	.80			
546-1591ABU	A	Blue	3.90	2.00	.80			
546-1591B-BK	A	Black	4.40	2.40	1.10			
546-1591BGY	A	Gray	4.40	2.40	1.10			
546-1591BBU	A	Blue	4.40	2.40	1.10			
546-1591C-BK	A	Black	4.70	2.60	1.40			
546-1591CGY	A	Gray	4.70	2.60	1.40			
546-1591CBU	A	Blue	4.70	2.60	1.40			
546-1591D-BK	A	Black	5.90	3.20	1.80			
546-1591DGY	A	Gray	5.90	3.20	1.80			
546-1591DBU	A	Blue	5.90	3.20	1.80			
546-1591E-BK	A	Black	7.50	4.30	2.20			
546-1591EGY	A	Gray	7.50	4.30	2.20			
546-1591EBU	A	Blue	7.50	4.30	2.20			
546-1591G-BK	A	Black	4.80	3.70	1.20			
546-1591GGY	A	Gray	4.80	3.70	1.20			
546-1591GBU	A	Blue	4.80	3.70	1.20			
546-1591H-BK	A	Black	6.50	2.80	1.00			
546-1591HGY	A	Gray	6.50	2.80	1.00			
546-1591HBU	A	Blue	6.50	2.80	1.00			
546-1591S-BK	A	Black	4.30	3.20	1.60			
546-1591SGY	A	Gray	4.30	3.20	1.60			
546-1591SBU	A	Blue	4.30	3.20	1.60			
546-1591T-BK	A	Black	4.70	3.20	2.20			
546-1591TGY	A	Gray	4.70	3.20	2.20			
546-1591TBU	A	Blue	4.70	3.20	2.20			
546-1591U-BK	A	Black	4.70	4.70	2.20			
546-1591UGY	A	Gray	4.70	4.70	2.20			
546-1591UBU	A	Blue	4.70	4.70	2.20			
546-1591V-BK	A	Black	4.70	4.70	3.50			
546-1591VGY	A	Gray	4.70	4.70	3.50			
546-1591VBU	A	Blue	4.70	4.70	3.50			
With Flanged Lid								
546-1591MFLBK	B	Black	3.30	2.20	.80			
546-1591MFLGY	B	Gray	3.30	2.20	.80			
546-1591LFLBK	B	Black	3.30	2.20	1.40			
546-1591AFLBK	B	Black	3.90	2.00	.80			
546-1591AFLGY	B	Gray	3.90	2.00	.80			
546-1591BFLBK	B	Black	4.40	2.40	1.10			
546-1591BFLGY	B	Gray	4.40	2.40	1.10			
546-1591CFLBK	B	Black	4.70	2.60	1.40			
546-1591CFLGY	B	Gray	4.70	2.60	1.40			
546-1591DFLBK	B	Black	5.90	3.20	1.80			
546-1591DFLGY	B	Gray	5.90	3.20	1.80			
546-1591EFLBK	B	Black	7.50	4.30	2.20			
546-1591EFLGY	B	Gray	7.50	4.30	2.20			
546-1591GFLBK	B	Black	4.80	3.70	1.20			
546-1591HFLBK	B	Black	6.50	2.80	1.00			
546-1591HFLGY	B	Gray	6.50	2.80	1.00			
546-1591SFLBK	B	Black	4.30	3.20	1.60			
546-1591SFLGY	B	Gray	4.30	3.20	1.60			
546-1591TFLBK	B	Black	4.70	3.20	2.20			
546-1591TFLGY	B	Gray	4.70	3.20	2.20			
546-1591UFLBK	B	Black	4.70	4.70	2.20			
546-1591UFLGY	B	Gray	4.70	4.70	2.20			
546-1591VFLBK	B	Black	4.70	4.70	3.50			
546-1591VFLGY	B	Gray	4.70	4.70	3.50			
With Bottom Flange								
546-1591MF2BK	C	Black	3.3	2.2	0.8			
546-1591MF2GY	C	Gray	3.3	2.2	0.8			
546-1591LF2BK	C	Black	3.3	2.2	1.4			

ABS MULTIPURPOSE INSTRUMENT ENCLOSURES (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Dimensions: in.			Price Each			
			L	W	H	1	5	10	25
With Bottom Flange (Cont.)									
546-1591LF2GY	C	Gray	3.3	2.2	1.4				
546-1591AF2BK	C	Black	3.9	2.0	0.8				
546-1591AF2GY	C	Gray	3.9	2.0	0.8				
546-1591SF2BK	C	Black	4.3	3.2	1.6				
546-1591BF2BK	C	Black	4.4	2.4	1.1				
546-1591BF2GY	C	Gray	4.4	2.4	1.1				
546-1591CF2BK	C	Black	4.7	2.6	1.4				
546-1591CF2GY	C	Gray	4.7	2.6	1.4				
546-1591TF2BK	C	Black	4.7	3.2	2.2				
546-1591TF2GY	C	Gray	4.7	3.2	2.2				
546-1591UF2BK	C	Black	4.7	4.7	2.2				
546-1591UF2GY	C	Gray	4.7	4.7	2.2				
546-1591VF2BK	C	Black	4.7	4.7	3.5				
546-1591VF2GY	C	Gray	4.7	4.7	3.5				
546-1591GF2BK	C	Black	4.8	3.7	1.2				
546-1591GF2GY	C	Gray	4.8	3.7	1.2				
546-1591DF2BK	C	Black	5.9	3.2	1.8				
546-1591DF2GY	C	Gray	5.9	3.2	1.8				
546-1591HF2BK	C	Black	6.5	2.8	1.0				
546-1591EF2BK	C	Black	7.5	4.3	2.2				
546-1591EF2GY	C	Gray	7.5	4.3	2.2				

TRANSLUCENT POLYCARBONATE ENCLOSURES

MOUSER STOCK NO.	Fig.	Color	Dimensions: in.			Price Each			
			L	W	H	1	5	10	25
Ice Blue									
546-1591ATBU	A	Black	3.90	2.00	.80				
546-1591BTBU	A	4.40	2.40	1.10					
546-1591CTBU	A	4.70	2.60	1.40					
546-1591DTBU	A	5.90	3.20	1.80					
546-1591ETBU	A	7.50	4.30	2.20					
Infrared									
546-1591ATRD	A	3.90	2.00	.80					
546-1591TRD	A	4.40	2.40	1.10					
546-1591CTRD	A	4.70	2.60	1.40					
546-1591DTRD	A	5.90	3.20	1.80					
546-1591ETRD	A	7.50	4.30	2.20					
Clear									
546-1591ATCL	A	3.90	2.00	.80					
546-1591STCL	A	4.30	3.20	1.60					
546-1591TCL	A	4.40	2.40	1.10					
546-1591CTCL	A	4.70	2.60	1.40					
546-1591DTCL	A	5.90	3.20	1.80					
546-1591ETCL	A	7.50	4.30	2.20					

PC CARD ADAPTERS

A general purpose EMI/RFI shielding spray for use on plastic electronics enclosures. Consists of a tough, durable acrylic base pigmented with a high purity nickel flake. Surface resistance of approximately 0.7ohms.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Quantity Per Package	Price Each			
			1	5	10	25
546-1591Z6	D	6.00				

SUPER SHIELD CONDUCTIVE COATING

For current pricing, visit mouser.com

EUsales@mouser.com

HAMMOND Plastic Instrument Enclosures

HAMMOND MANUFACTURING.



POLYSTYRENE MULTIPURPOSE INSTRUMENT ENCLOSURES

- High impact polystyrene plastic
- Lid is secured with self-tapping #4x1/2" slotted screws

Without Flange

MOUSER STOCK NO.	Hammond Part No.	Fig.	Color	Dimensions: in.			Price Each			
				L	W	H	1	5	10	25
546-1591MSBK	1591MS-BK	A	Black	3.30	2.20	.80				
546-1591LS-BK	1591LS-BK	A	Black	3.30	2.20	1.40				
546-1591AS-BK	1591AS-BK	A	Black	3.90	2.00	.80				
546-1591BS-BK	1591BS-BK	A	Black	4.40	2.40	1.10				
546-1591CS-BK	1591CS-BK	A	Black	4.70	2.60	1.40				
546-1591DS-BK	1591DS-BK	A	Black	5.90	3.20	1.80				
546-1591ES-BK	1591ES-BK	A	Black	7.50	4.30	2.20				
546-1591GS-BK	1591GS-BK	A	Black	4.80	3.70	1.20				
546-1591HS-BK	1591HS-BK	A	Black	6.50	2.80	1.00				
546-1591SS-BK	1591SS-BK	A	Black	4.30	3.20	1.60				
546-1591TS-BK	1591TS-BK	A	Black	4.70	3.20	2.20				
546-1591US-BK	1591US-BK	A	Black	4.70	4.70	2.20				
546-1591VS-BK	1591VS-BK	A	Black	4.70	4.70	3.50				

With Flanged Lid

MOUSER STOCK NO.	Hammond Part No.	Fig.	Color	Dimensions: in.			Price Each			
				L	W	H	1	5	10	25
546-1591MSFLBK	1591MSFL-BK	B	Black	3.3	2.2	.8				
546-1591LSFLBK	1591LSFL-BK	B	Black	3.3	2.2	1.4				
546-1591ASFBLBK	1591ASFBL-BK	B	Black	3.9	2	0.8				
546-1591SSFLBK	1591SSFL-BK	B	Black	4.3	3.2	1.6				
546-1591BSFLBK	1591BSFL-BK	B	Black	4.4	2.4	1.1				
546-1591CSFLBK	1591CSFL-BK	B	Black	4.7	2.6	1.4				
546-1591TSFLBK	1591TSFL-BK	B	Black	4.7	3.2	2.2				
546-1591USFLBK	1591USFL-BK	B	Black	4.7	4.7	2.2				
546-1591VSFLBK	1591VSFL-BK	B	Black	4.7	4.7	3.5				
546-1591GSFLBK	1591GSFL-BK	B	Black	4.8	3.7	1.2				
546-1591DSFLBK	1591DSFL-BK	B	Black	5.9	3.2	1.8				
546-1591HSFLBK	1591HSFL-BK	B	Black	6.5	2.8	1				
546-1591ESFLBK	1591ESFL-BK	B	Black	7.5	4.3	2.2				

With Bottom Flange

MOUSER STOCK NO.	Hammond Part No.	Fig.	Color	Dimensions: in.			Price Each			
				L	W	H	1	5	10	25
546-1591MF2SBK	1591MF2SBK	C	Black	3.3	2.2	.8				
546-1591MF2SGY	1591MF2SGY	C	Gray	3.3	2.2	.8				
546-1591LF2SBK	1591LF2SBK	C	Black	3.3	2.2	1.4				
546-1591LF2SGY	1591LF2SGY	C	Gray	3.3	2.2	1.4				
546-1591AF2SBK	1591AF2SBK	C	Black	3.9	2.0	0.8				
546-1591AF2SGY	1591AF2SGY	C	Gray	3.9	2.0	0.8				
546-1591SF2SGY	1591SF2SGY	C	Black	4.3	3.2	1.6				
546-1591SF2SBK	1591SF2SBK	C	Gray	4.3	3.2	1.6				
546-1591BF2SBK	1591BF2SBK	C	Black	4.4	2.4	1.1				
546-1591CF2SBK	1591CF2SBK	C	Black	4.7	2.6	1.4				
546-1591CF2SGY	1591CF2SGY	C	Gray	4.7	2.6	1.4				
546-1591TF2SGY	1591TF2SGY	C	Black	4.7	3.2	2.2				
546-1591TF2SBK	1591TF2SBK	C	Gray	4.7	3.2	2.2				
546-1591UF2SBK	1591UF2SBK	C	Black	4.7	4.7	2.2				
546-1591UF2SGY	1591UF2SGY	C	Gray	4.7	4.7	2.2				
546-1591VF2SBK	1591VF2SBK	C	Black	4.7	4.7	3.5				
546-1591VF2SGY	1591VF2SGY	C	Gray	4.7	4.7	3.5				
546-1591GF2SBK	1591GF2SBK	C	Black	4.8	3.7	1.2				
546-1591GF2SGY	1591GF2SGY	C	Gray	4.8	3.7	1.2				
546-1591DF2SBK	1591DF2SBK	C	Black	5.9	3.2	1.8				
546-1591DF2SGY	1591DF2SGY	C	Gray	5.9	3.2	1.8				
546-1591HF2SBK	1591HF2SBK	C	Black	6.5	2.8	1.0				
546-1591HF2SGY	1591HF2SGY	C	Gray	6.5	2.8	1.0				
546-1591EF2SBK	1591EF2SBK	C	Black	7.5	4.3	2.2				
546-1591EF2SGY	1591EF2SGY	C	Gray	7.5	4.3	2.2				

MG Chemicals SUPER SHIELD CONDUCTIVE COATING

- Flammability rating: UL 94V-0

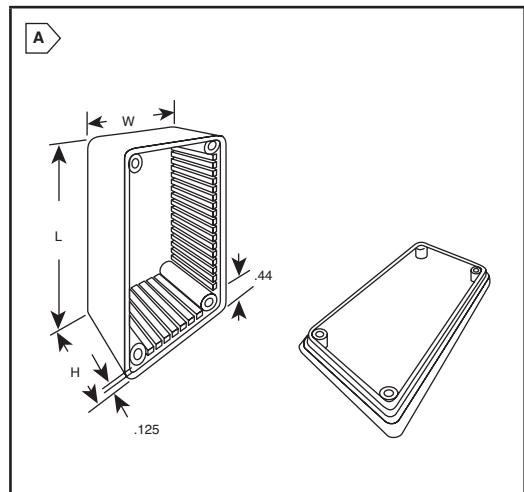
For quantities greater than listed, call for quote.			
MOUSER STOCK NO.	MG Chemicals Part No.	Size	Price Each
590-841-340G	841-340G	Aerosol 340g (12oz.)	

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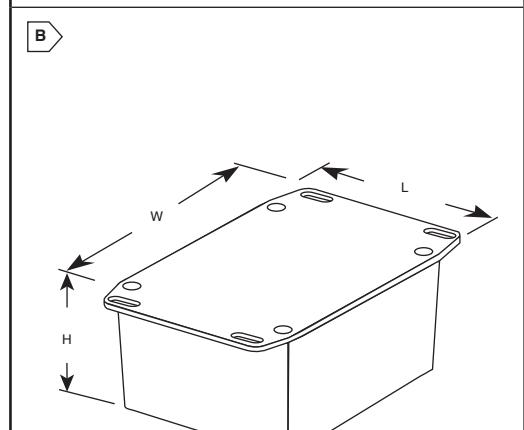
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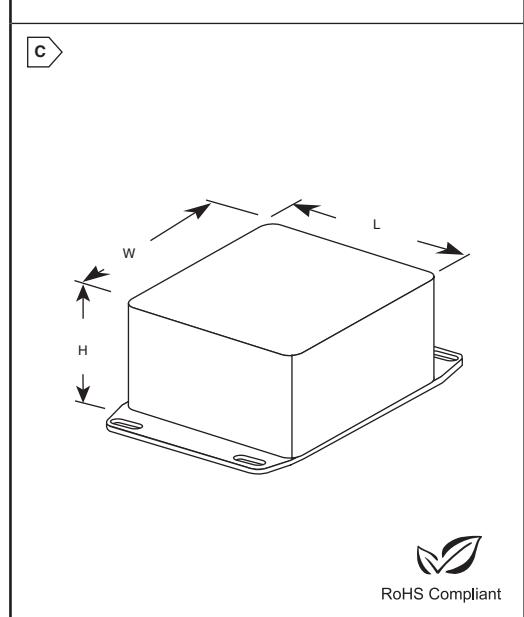
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RoHS Compliant



RoHS Compliant



RoHS Compliant

HAMMOND Plastic ABS Enclosures

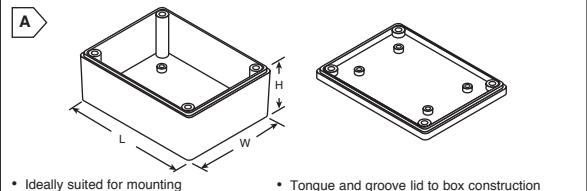


MULTIPURPOSE ABS PLASTIC ENCLOSURES

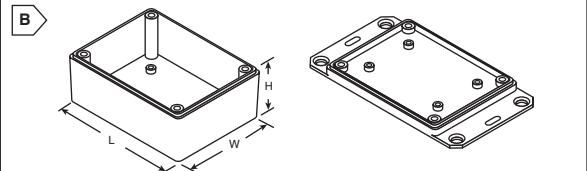
• Flammability rating: UL 94V-0
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Price Each			
			L	W	H	1	5	10	25
Black									
546-1591XXASBK	1591XXASBK	A	3.90	2.00	0.80				
546-1591XXBSBK	1591XXBSBK	A	4.40	2.50	1.10				
546-1591XXCSBK	1591XXCSBK	A	4.70	2.60	1.40				
546-1591XXDSBK	1591XXDSBK	A	6.00	3.20	1.80				
546-1591XXESBK	1591XXESBK	A	7.60	4.40	2.20				
546-1591XXFSBK	1591XXFSBK	A	8.70	5.90	2.30				
546-1591XXLSBK	1591XXLSBK	A	3.40	2.20	1.40				
546-1591XXTSBK	1591XXTSBK	A	4.80	3.20	2.20				
Black with Flanged Lid									
546-1591XXASFBLK	1591XXASFBLK	B	3.90	2.00	0.80				
546-1591XXBSFBLK	1591XXBSFBLK	B	4.40	2.50	1.10				
546-1591XXCSFBLK	1591XXCSFBLK	B	4.70	2.60	1.40				
546-1591XXDSFBLK	1591XXDSFBLK	B	6.00	3.20	1.80				
546-1591XXESFBLK	1591XXESFBLK	B	7.60	4.40	2.20				
546-1591XXFFSFLBK	1591XXFFSFLBK	B	8.70	5.90	2.30				
546-1591XXLSFBLK	1591XXLSFBLK	B	3.40	2.20	1.40				
546-1591XXTSFBLK	1591XXTSFBLK	B	4.80	3.20	2.20				

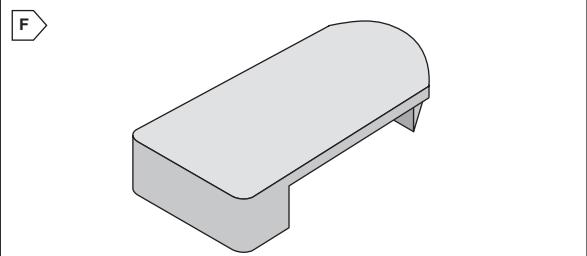
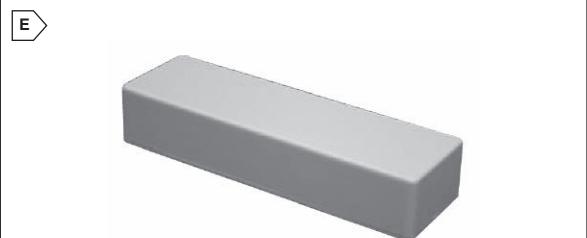
DIMENSIONS: in.



- Ideally suited for mounting PC Boards horizontally
- Internal sides of enclosure are smooth for easy connector installation (Largest size includes card guides)
- Tongue and groove lid to box construction provides protection against access of dust and splashing water
- Designed to meet IP54
- Lid and box both contain molded-in PC standoffs



- Ideally suited for mounting PC Boards horizontally
- Internal sides of enclosure are smooth for easy connector installation (Largest size includes card guides)
- Tongue and groove lid to box construction provides protection against access of dust and splashing water
- Designed to meet IP54
- Lid and box both contain molded-in PC standoffs



MULTIPURPOSE FLAME RETARDANT ABS PLASTIC ENCLOSURES

• Flammability rating: UL 94V-0
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Price Each			
			L	W	H	1	5	10	25
Translucent Blue									
546-1591XXLTBU	1591XXLTBU	A	3.4	2.2	1.4				
546-1591XXATBU	1591XXATBU	A	3.9	2.0	0.8				
546-1591XXBTBU	1591XXBTBU	A	4.4	2.5	1.1				
546-1591XXCTBU	1591XXCTBU	A	4.7	2.6	1.4				
546-1591XXTTBU	1591XXTTBU	A	4.8	3.2	2.2				
546-1591XXDTBU	1591XXDTBU	A	6.0	3.2	1.8				
546-1591XXETBU	1591XXETBU	A	7.6	4.4	2.2				
Black									
546-1591XXABK	1591XXABK	A	3.90	2.00	0.80				
546-1591XXBBK	1591XXBBK	A	4.40	2.50	1.10				
546-1591XXCBK	1591XXCBK	A	4.70	2.60	1.40				
546-1591XXDBK	1591XXDBK	A	6.00	3.20	1.80				
546-1591XXEBK	1591XXEBK	A	7.60	4.40	2.20				
546-1591XXFBK	1591XXFBK	A	8.70	5.90	2.30				
546-1591XXLBK	1591XXLBK	A	3.40	2.20	1.40				
Black with Flanged Lid									
546-1591XXAFLBK	1591XXAFLBK	B	3.90	2.00	0.80				
546-1591XXBFLBK	1591XXBFLBK	B	4.40	2.50	1.10				
546-1591XXCFLBK	1591XXCFLBK	B	4.70	2.60	1.40				
546-1591XXDFLBK	1591XXDFLBK	B	6.00	3.20	1.80				
546-1591XXEFLBK	1591XXEFLBK	B	7.60	4.40	2.20				
546-1591XXFFLBK	1591XXFFLBK	B	8.70	5.90	2.30				
546-1591XXLFLBK	1591XXLFLBK	B	3.40	2.20	1.40				
546-1591XXTFLBK	1591XXTFLBK	B	4.80	3.20	2.20				
Gray									
546-1591XXAGY	1591XXAGY	A	3.90	2.00	0.80				
546-1591XXBGY	1591XXBGY	A	4.40	2.50	1.10				
546-1591XXCGY	1591XXCGY	A	4.70	2.60	1.40				
546-1591XXDGY	1591XXDGY	A	6.00	3.20	1.80				
546-1591XXEGY	1591XXEGY	A	7.60	4.40	2.20				
546-1591XXFGY	1591XXFGY	A	8.70	5.90	2.30				
546-1591XXLGY	1591XXLGY	A	3.40	2.20	1.40				
Gray with Flanged Lid									
546-1591XXAFLGY	1591XXAFLGY	B	3.90	2.00	0.80				
546-1591XXBFLGY	1591XXBFLGY	B	4.40	2.50	1.10				
546-1591XXCFLGY	1591XXCFLGY	B	4.70	2.60	1.40				
546-1591XXDFLGY	1591XXDFLGY	B	6.00	3.20	1.80				
546-1591XXEFLGY	1591XXEFLGY	B	7.60	4.40	2.20				
546-1591XXFFLGY	1591XXFFLGY	B	8.70	5.90	2.30				
546-1591XXLFLGY	1591XXLFLGY	B	3.40	2.20	1.40				
546-1591XXTFLGY	1591XXTFLGY	B	4.80	3.20	2.20				

ABS WALLMOUNT - SNAP TOGETHER ENCLOSURES

• Includes molded in keyhole knockout areas (2) for mounting either horizontally or vertically
• Bottom half includes 6 molded in, PC board standoffs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Enclosure Color	Dimensions: in.			Price Each			
				L	W	H	1	5	10	25
Gray										
546-1597CGY	1597CGY	C	Gray	4.33	5.50	1.38				
546-1597CBK	1597CBK	C	Black	4.33	5.50	1.38				
546-1597D-GY	1597D-GY	C	Gray	4.92	7.09	1.38				

ABS ENCLOSURES WITH SCREW FASTENED LID

• Bottom and top half include molded in, PC board standoffs

• Includes machine screws and brass inserts

For quantities greater than listed, call for quote.

546-1597X	D	Gray	3.50	5.50	1.80				
546-1597Y	D	Gray	5.30	7.90	2.00				

ABS PLASTIC SNAP TOGETHER ENCLOSURE

For quantities greater than listed, call for quote.

546-1597V	E	Gray	1.60	5.10	1.00				
SUPER SHIELD CONDUCTIVE COATING									

• Flammability rating: UL 94V-0

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MG Chemicals Part No.	Size	Price Each
590-841-340G	841-340G	Aerosol 340g (12oz.)	

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MOUSER STOCK NO.	Hammond Part No.	Fig.	Color	Price Each			
Mfr.	Mfr. Part No.			1	5	10	25
546-1599-CLIP	1599CLIP	F	Black				
546-1599CLIPGY	1599CLIPGY	F	Gray				

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HAMMOND Handheld Plastic Enclosures



HAMMOND ABS PLASTIC HANDHELD INSTRUMENT BOXES

- Recessed top for membrane display or pad
- Self tapping screws included

Replace the __ with BK for Black or GY for Gray

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Flg.	Dimensions: in.			Price Each		
			L	W	H	1	25	50
546-1593K	1593K	A	2.60	2.60	1.10			
546-1593D	1593D	A	4.50	1.40	1.00			
546-1593X	1593X	A	5.50	2.60	1.10			
546-1593J	1593J	B	2.60	2.60	1.10			
546-1593S	1593S	C	3.60	2.60	0.83			
546-1593P	1593P	C	3.60	2.60	1.10			
546-1593T	1593T	C	4.40	2.60	0.83			
546-1593Q	1593Q	C	4.40	2.60	1.10			
546-1593Y	1593Y	C	5.50	2.60	1.10			

HAMMOND INFRARED PANELS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Description	Price Per Package			
			1	25	50	100
546-1593DIR10	1593DIR10	Fit 1593D - Pack of 10				
546-1593PIR10	1593PIR10	Fits 1593 P, Q, Y, X, J & K - Pack of 10				
546-1593SIR10	1593SIR10	Fits 1593 S & T - Pack of 10				

HAMMOND PLASTIC ELECTRONIC ENCLOSURES

- Matte textured black finish

Also available in blue, gray, and beige.

Contact a Mouser service representative for details.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Flg.	Dimensions: in.			Price Each		
			L	W	H	1	5	10
546-1594A-BK	1594A-BK	D	2.17	2.17	1.10			
546-1594B-BK	1594B-BK	D	3.15	2.17	1.10			
546-1594C-BK	1594C-BK	D	4.13	2.56	1.30			
546-1594D-BK	1594D-BK	D	5.12	2.56	1.70			
546-1594E-BK	1594E-BK	D	6.50	4.13	2.09			

HAMMOND PC CARD GUIDES

• Packed 25 sets per package, four guides to set

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fits Cases	Price Per Package			
			1	5	10	25
546-1594AZ25	1594AZ25	1594A-BK				
546-1594BZ25	1594BZ25	1594B-BK				
546-1594CZ25	1594CZ25	1594C-BK				
546-1594DZ25	1594DZ25	1594D-BK				

HAMMOND HAND HELD CASES

High Impact Polystyrene Cases

- Countersunk lid is secured with four self-tapping screws

• Color: Gray

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Flg.	Dimensions: in.			Price Each		
			L	W	H	1	5	10
546-1599BS-GY	1599BS-GY	E	5.12	2.56	0.98			
546-1599ES-GY	1599ES-GY	E	6.70	3.35	1.38			
546-1599HS-GY	1599HS-GY	E	8.66	4.33	1.77			
546-1599KS-GY	1599KS-GY	E	5.50	8.66	1.60			

Medium Impact Flame Retardant ABS

- UL flammability rating of 94V-0 @ 1.47mm thickness and a continuous use temperature rating of 60°C

- Includes four machine screws and brass bushings

• Color: Black

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Flg.	Dimensions: in.			Price Each		
			L	W	H	1	5	10
546-1599B-BK	1599B-BK	E	5.12	2.56	0.98			
546-1599E-BK	1599E-BK	E	6.70	3.35	1.38			
546-1599H-BK	1599H-BK	E	8.66	4.33	1.77			
546-1599K-BK	1599K-BK	E	5.50	8.66	1.60			

HAMMOND ENCLOSURES W/ BATTERY DOOR

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Flg.	Dimensions: in.			Price Each				
			L	W	H	1	5	10		
Black ABS										
546-1599BBKBAT										
546-1599BBKBATCP										
546-1599EBKBAT										
546-1599HBKBAT										
546-1599KBKBAT										
Gray ABS										
546-1599BGYBAT										
546-1599BGYBATCP										
546-1599EGYBAT										
546-1599HGYBAT										
Gray Styrene										
546-1599BSGYBAT										
546-1599ESGYBAT										
546-1599HSGYBAT										
546-1599KSGYBAT										

BATTERY HOLDER KITS

- Designed for 1599B and 1599E Series battery door enclosures
- Includes the battery holder, wires, and foam anti-rattle pad
- Includes all the parts required to install the battery or batteries

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Batt. Holder Kit For:	Fits Battery Door Enclosure Size:	Price Each			
				1	25	50	100
546-BH1AAW	BH1AAW	1 AA Cell	1599B and 1599E Series				
546-BH2AAW	BH2AAW	2 AA Cells	1599B and 1599E Series				
546-BH1AAA	BH1AAA	1 AAA Cell	1599B and 1599E Series				
546-BH2AAA	BH2AAA	2 AAA Cells	1599B and 1599E Series				
546-BH3AAA	BH3AAA	3 AAA Cells	1599E size only				
546-BH4AAA	BH4AAA	4 AAA Cells	1599E size only				
546-BH561	BS61	1-9V Cell	1599B and 1599E Series				

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A

RoHS Compliant

Version A

- Four P.C. card standoffs molded in bottom
- Removable front and rear panels for easy modification-sized to accept most popular connectors
- 2 piece lap joint construction

B

RoHS Compliant

Version B

- Four PC card standoffs molded in both halves
- 2 piece lap joint construction

C

RoHS Compliant

Version C

- 4 PC card standoffs molded in both halves
- 4 PC card guides molded in battery compartment
- Removable front and rear panels for easy modification-sized to accept most popular connectors
- 2 piece lap joint construction

D

RoHS Compliant

Heavy duty thermoplastic

- Comes with M3x.5x20mm countersunk Phillips machine screws which fasten into integral brass bushings
- Average wall thickness: .125"
- Lid adds .47" to total height
- Designed to meet IP54
- UL flammability rating of 94V-O

E

RoHS Compliant

Two key hole knockouts are molded into the inside of the base to facilitate wall mounting installation

- Six PC card mounting bosses are molded into the top and base
- Designed to meet IP54

F

RoHS Compliant

- Recessed top panel for membrane display or pad
- PC card standoffs and vertical card guides are molded in
- Flame retardant ABS version includes four machine screws (styrene are self-tapping) and wear resistant brass bushing

G

RoHS Compliant

Includes belt clip

- Recessed top panel for membrane display or pad
- PC card standoffs and vertical card guides are molded in
- Flame retardant ABS version includes four machine screws (styrene are self-tapping) and wear resistant brass bushing

HAMMOND Consoles and Plastic Enclosures

HAMMOND
MANUFACTURING.



SLOPING STYRENE CONSOLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Flg.	Dimensions: in.				Price Each			
			L	W	H	D	1	5	10	25
546-1599ESTSGY	1599ESTSGY	A	3.35	6.70	1.33	.72				
546-1599HSTSGY	1599HSTSGY	A	4.33	8.66	1.73	.75				
546-1599KSTSGY	1599KSTSGY	A	5.51	8.66	1.60	.67				
546-1599KSTLGY	1599KSTLGY	A	8.66	5.51	1.60	.71				
546-1599KSTLGYBAT	1599KSTLGYBAT	A	8.66	5.51	1.60	.71				



PLASTIC DESKTOP CONSOLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Flg.	Dimensions: in.				Color	Price Each			
			L	W	H	A		1	5	10	25
546-1595C-GY	1595C-GY	B	6.30	3.80	1.54	2.30	Gray				
546-1595C-BK	1595C-BK	B	6.30	3.80	1.54	2.30	Black				
546-1595E-GY	1595E-GY	B	8.50	5.10	1.85	2.90	Gray				
546-1595E-BK	1595E-BK	B	8.50	5.10	1.85	2.90	Black				



ABS INSTRUMENT ENCLOSURES

- Two piece "tongue & groove" construction
- UL flammability rating of 94V-0
- Front/rear panels: .064" thick brushed aluminum
- Integral horizontal PC card mounts on Eurocard centers

- Comes with M3 x .5 x 10mm Phillips machine screws that fasten into tapped integral brass bushings
- Two sets of vertical .062" PC board guides provided front /rear

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Flg.	Color	Dimensions: in.			Price Each			
				L	W	H	1	5	10	25
546-1598B-BK	1598B-BK	C	Black	5.28	5.31	1.96				
546-1598A-BK	1598A-BK	C	Black	6.18	3.70	1.42				
546-1598A-GY	1598A-GY	C	Gray	6.18	3.70	1.42				
546-1598BB-BK	1598BB-BK	C	Black	7.05	6.06	1.42				
546-1598BBGY	1598BBGY	C	Gray	7.05	6.06	1.42				
546-1598C-BK	1598C-BK	C	Black	7.09	6.10	2.04				
546-1598C-GY	1598C-GY	C	Gray	7.09	6.10	2.04				
546-1598D-BK	1598D-BK	C	Black	7.09	8.11	2.52				
546-1598DGY	1598DGY	C	Gray	7.09	8.11	2.52				
546-1598E-BK	1598E-BK	C	Black	6.30	6.30	3.38				
546-1598FGY	1598FGY	C	Gray	9.84	6.30	1.58				
546-1598G-BK	1598G-BK	C	Black	9.84	6.30	3.00				
546-1598H-BK	1598H-BK	C	Black	11.02	7.87	1.58				
546-1598HGY	1598HGY	C	Gray	11.02	7.87	1.58				
546-1598J-BK	1598J-BK	C	Black	11.02	7.87	3.00				
546-1598JGY	1598JGY	C	Gray	11.02	7.87	3.00				



GENERAL PURPOSE ABS PLASTIC

- Molded in PC card standoffs and vertical card guides
- Positive fit, "tongue & groove" construction requires only 2 mounting screws
- Available in Gray Styrene Plastic
- Easy access to interior via shell type construction

- Designed to meet IP54

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Flg.	Dimensions: in.			Price Each				
			L	W	H	1	5	10	25	
With Black ABS Plastic End Panels										
546-1598ASGYPBK	1598ASGYPBK	C	6.18	3.70	1.42					
546-1598BSGYPBK	1598BSGYPBK	C	5.28	5.31	1.96					
546-1598BBSGYPBK	1598BBSGYPBK	C	7.05	6.06	1.42					
546-1598CSGYPBK	1598CSGYPBK	C	7.09	6.10	2.04					
546-1598DSGYPBK	1598DSGYPBK	C	7.09	8.11	2.52					
546-1598ESGYPBK	1598ESGYPBK	C	6.30	6.30	3.38					
546-1598FSGYPBK	1598FSGYPBK	C	9.84	6.30	1.58					
546-1598GSGYPBK	1598GSGYPBK	C	9.84	6.30	3.00					
546-1598HSGYPBK	1598HSGYPBK	C	11.02	7.87	1.58					
546-1598JSGYPBK	1598JSGYPBK	C	11.02	7.87	3.00					
With Aluminum End Panels										
546-1598BSGY	1598BSGY	C	5.28	5.31	1.96					
546-1598ASGY	1598ASGY	C	6.18	3.70	1.42					
546-1598ESGY	1598ESGY	C	6.30	6.30	3.38					
546-1598BBSGY	1598BBSGY	C	7.05	6.06	1.42					
546-1598CSGY	1598CSGY	C	7.09	6.10	2.04					
546-1598DSGY	1598DSGY	C	7.09	8.11	2.52					
546-1598GSGY	1598GSGY	C	9.84	6.30	3.00					
546-1598HSGY	1598HSGY	C	11.02	7.87	1.58					
546-1598JSGY	1598JSGY	C	11.02	7.87	3.00					

Optional Accessories (For 1598 Series Cases)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Description	Price Each		
			1	5	10
546-1598ATS100	1598ATS100	#6 x 1/4" self-tapping screws, 100 pack			
Optional Tilt Handle (Instructions and Mounting Hardware Included)					
546-1598TH1	1598TH1	1598C-BK, E-BK, F-BK, G-BK			
546-1598TH2	1598TH2	1598D-BK, H-BK, J-BK			



MG Chemicals SUPER SHIELD CONDUCTIVE COATING

- Flammability rating: UL 94V-0

For quantities greater than listed, call for quote.

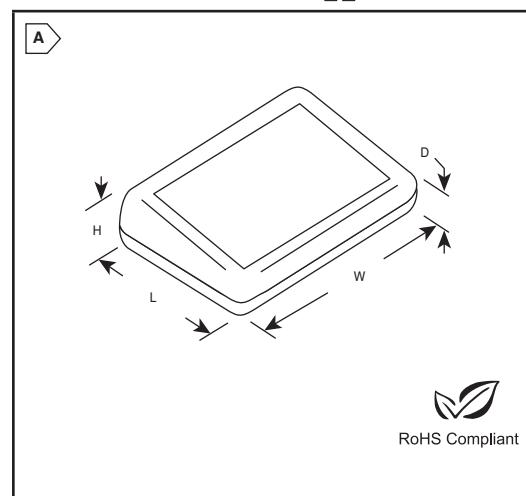
MOUSER STOCK NO.	MG Chemicals Part No.	Size	Price Each
590-841-340G	841-340G	Aerosol 340g (12oz.)	

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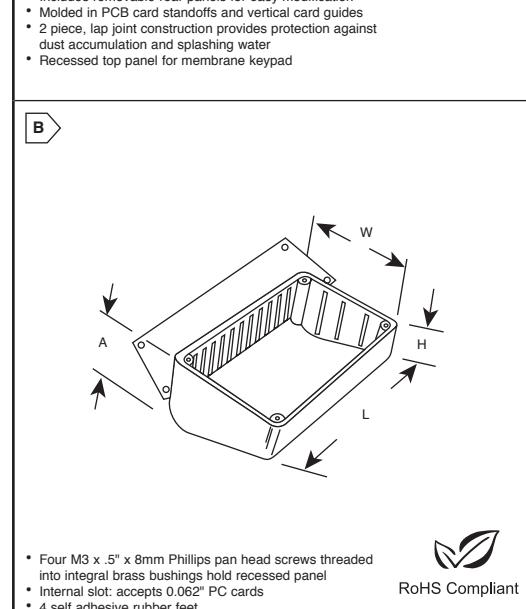
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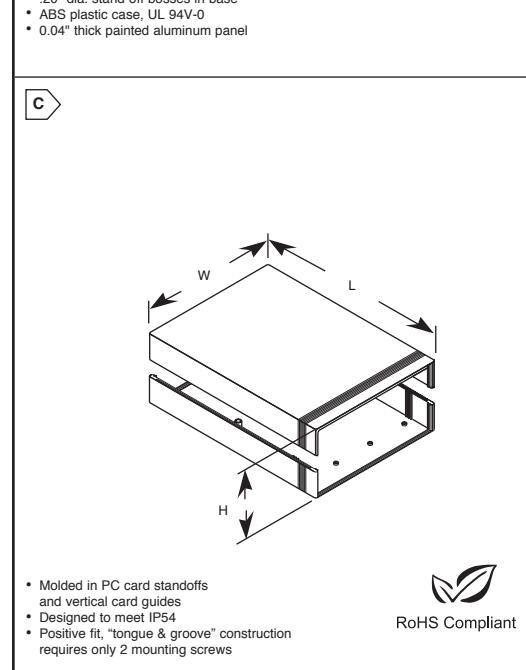
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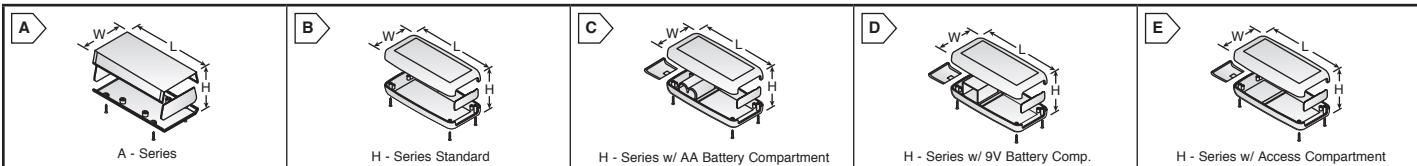
RoHS Compliant



RoHS Compliant

SERPAC Enclosures and Cases

SERPAC
Electronic Enclosures



SERPAC A - SERIES

There are 3 colors available, replace the () in the part number with:
A for Almond or B for Black or G for Gray

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Price Each		
			L	W	H	1	10	25
Standard								
635-A-20-	A-20-	A	4.25	2.60	0.87			
635-A-21-	A-21-	A	4.25	2.60	1.12			
635-A-27-	A-27-	A	5.31	3.35	1.51			
635-A-31-	A-31-	A	5.30	5.10	1.71			
635-A-42-	A-42-	A	7.10	5.00	11.57			
With 9V Battery Compartment								
635-A-21-9V-	A-21-9V-	A	4.25	2.60	1.12			
635-A-27-9V-	A-27-9V-	A	5.31	3.14	1.51			
635-A-31-9V-	A-31-9V-	A	5.30	5.10	1.71			
635-A-41-9V-	A-41-9V-	A	7.10	5.00	1.30			
635-A-42-9V-	A-42-9V-	A	7.10	5.00	1.62			

Optional End Panels for A Series Enclosures

Available in Clear (CL), Infrared (IR), DB9 Cutout, DB25 Cutout, and 9V Battery Cutout

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Serpac Part No.	For Enclosure	Price Each		
			1	10	25
635-2003-CL	2003-CL	A-20			
635-2003-IR	2003-IR	A-20			
635-2003-DB9	2003-DB9	A-20			
635-2003-DB25	2003-DB25	A-20			
635-2005-CL	2005-CL	A-21			
635-2005-IR	2005-IR	A-21			
635-2005-DB25	2005-DB25	A-21			
635-2006-9V	2006-9V	A-21			
635-2010IR	2010-IR	A-27			
635-2010DB9	2010-DB9	A-27			
635-2010DB25	2010-DB25	A-27			
635-2011-9V	2011-9V	A-27			
635-2015-CL	2015-CL	A-31			
635-2015-IR	2015-IR	A-31			
635-2015-DB9	2015-DB9	A-31			
635-2015-DB25	2015-DB25	A-31			
635-2020-CL	2020-CL	A-41			
635-2020-IR	2020-IR	A-41			
635-2020-DB9	2020-DB9	A-41			
635-2020-DB25	2020-DB25	A-41			
635-2024-CL	2024-CL	A-42			
635-2024IR	2024-IR	A-42			
635-2024-DB9	2024-DB9	A-42			
635-2025-9V	2025-9V	A-42			

SERPAC I SERIES - INDUSTRIAL ENCLOSURES

MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Color	Price Each		
			L	W	H		1	10	25
635-I352HL-TGBG	I352HL_TGBG	A	10.00	8.00	6.00	Gray Top, Gray Bottom			
635-I352HL-TBCB	I352HL_TBCB	A	10.00	8.00	6.00	Clear Top, Clear Bottom			
635-I352S-TGBG	I352S_TGBG	A	11.75	9.98	7.45	Gray Top, Gray Bottom			
635-I352S-TCBC	I352S_TCBC	A	11.75	9.98	7.45	Gray Top, Gray Bottom			
635-I352S-TGBG	I352HS_TGBG	A	11.75	9.98	7.45	Gray Top, Gray Bottom			
635-I352HS-TBCB	I352HS_TCBC	A	11.75	9.98	7.45	Clear Top, Clear Bottom			

SERPAC RB SERIES - INSTRUMENT ENCLOSURES

For quantities greater than listed, call for quote.									
MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Color	Price Each		
			L	W	H		1	10	25
635-RB22-1TC1BC	RB22-1TC1BC	B	2.55	1.97	1.38	Clear Top, Clear Bottom			
635-RB22-1TC1BG	RB22-1TC1BG	B	2.55	1.97	1.38	Gray Top, Gray Bottom			
635-RB22-1TG1BC	RB22-1TG1BG	B	2.55	1.97	1.38	Gray Top, Gray Bottom			
635-RB22-1TC1BB	RB22-1TC1BB	B	2.55	1.97	1.38	Clear Top, Black Bottom			
635-RB22-1TB1BB	RB22-1TB1BB	B	2.55	1.97	1.38	Top Black, Black Bottom			
635-RB33-1TC0BC	RB33-1TC1BC	B	3.22	3.15	2.17	Clear Top, Clear Bottom			
635-RB33-1TC1BG	RB33-1TC1BG	B	3.22	3.15	2.17	Gray Top, Gray Bottom			
635-RB33-1TG1BG	RB33-1TG1BG	B	3.22	3.15	2.17	Gray Top, Gray Bottom			
635-RB33-1TC1BB	RB33-1TC1BB	B	3.22	3.15	2.17	Clear Top, Black Bottom			
635-RB33-1TB1BB	RB33-1TB1BB	B	3.22	3.15	2.17	Top Black, Black Bottom			
635-RB53-1TC1BC	RB53-1TC1BC	B	4.72	3.15	2.17	Clear Top, Clear Bottom			
635-RB53-1TC-BG	RB53-1TC1BG	B	4.72	3.15	2.17	Gray Top, Gray Bottom			
635-RB53-1TG1BG	RB53-1TG1BG	B	4.72	3.15	2.17	Gray Top, Gray Bottom			
635-RB53-1TC1BB	RB53-1TC1BB	B	4.72	3.15	2.17	Clear Top, Black Bottom			
635-RB53-1TB1BB	RB53-1TB1BB	B	4.72	3.15	2.17	Top Black, Black Bottom			

SERPAC SE - SERIES EQUIPMENT CASES

There are 4 colors available, replace the () in the part number with:
GM for Gunnar (Dark Gray) or B for Black or CY for Caution Yellow or IQ for International Orange

* GM not available

MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Price Each
			L	W	H	
* 635-R-120-B	SE-120-	C	8.70	7.45	3.89	
635-R-300-	SE-300-	C	10.80	9.85	4.50	
635-R-520-	SE-520-	C	14.85	12.15	6.85	
635-R-710-	SE-710-	C	19.75	15.53	5.41	
635-R-720-	SE-720-	C	19.75	15.53	7.48	

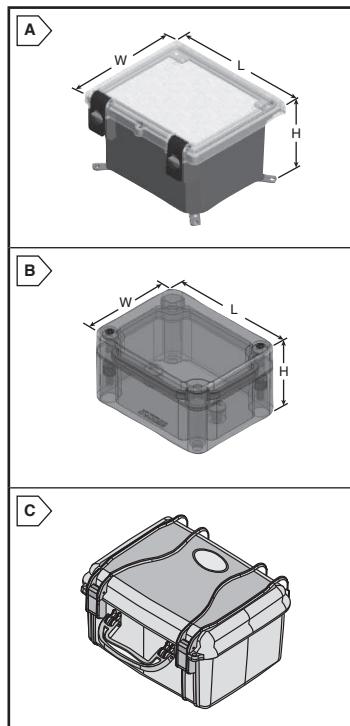
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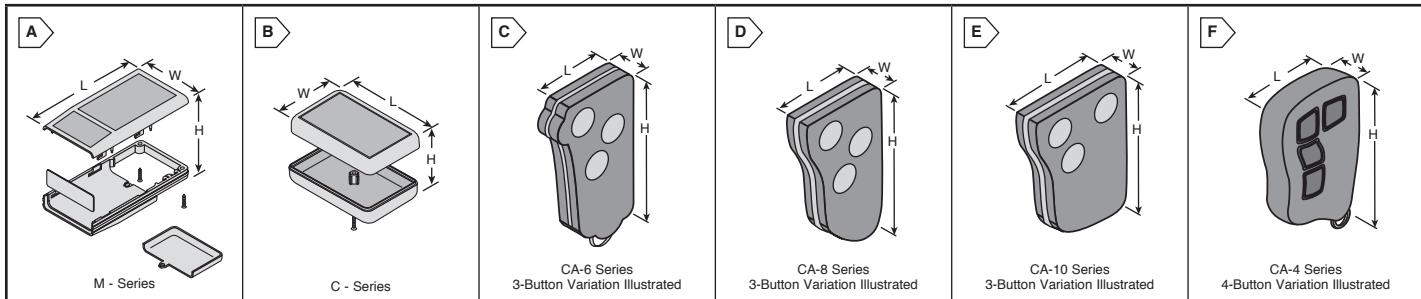
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Serpac
Plastic Boxes

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**SERPAC M - SERIES SOLID COLORS****Features:**

- Hi-Impact ABS plastic
- UL 94 HB flammability rating
- Custom colors, machining, molding, and pad printing available
- Four-piece handheld design
- Battery compartment with contactors

There are 3 colors available, replace the () in the part number with: **A** for Almond or **B** for Black or **G** for Gray

MOUSER STOCK NO.	Serpac Part No.	Fig.	Battery Compartment	Dimensions: in.			Price Each		
				L	W	H	1	10	25
Standard									
635-M-4-	M-4-	A	1xAA	2.80	2.20	0.71			
635-M-6-	M-6-	A	2xAA/1x9V	4.15	2.40	0.85			
635-M-8-	M-8-	A	2xAA/1x9V	6.97	2.40	0.85			
With Pocket Clip									
635-M-4PC-	M-4-PC-	A	1xAA	2.80	2.20	0.70			
635-M-6PC-	M-6-PC-	A	2xAA/9V	4.15	2.40	0.85			
635-M-8PC-	M-8-PC-	A	2xAA/9V	6.97	2.40	0.85			

SERPAC M - SERIES TRANSLUCENT COLORS**Features:**

- Hi-Impact ABS plastic
- UL 94 HB flammability rating
- Custom colors, machining, molding, and pad printing available

There are 4 colors available, replace the () in the part number with: **BL** for Blue or **GR** for Green or **RD** for Red or **GY** for Gray

MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Price Each		
			L	W	H	1	10	25
635-M-4TR-	M-4-TR-	A	2.80	2.20	0.70			
635-M-6TR-	M-6-TR-	A	4.15	2.40	0.85			

Optional End Panels for M Series Enclosures

Available in Clear (CL), Infrared (IR), and Transparent Red (R)

MOUSER STOCK NO.	Serpac Part No.	For Enclosures	Dimensions: in.				Price Each		
			1	10	25	50	1	10	25
635-4004-CL	4004-CL	M-4							
635-4004IR	4004-IR	M-4							
635-4004-R	4004-R	M-4							
635-4008CL	4008-CL	M-6, M-8							
635-4008IR	4008-IR	M-6, M-8							
635-4008-R	4008-R	M-6, M-8							

SERPAC C - SERIES SOLID COLORS**Features:**

- Hi-Impact ABS plastic
- UL 94 HB flammability rating
- Custom colors, machining, molding, and pad printing available
- Two Insert Areas

There are 3 colors available, replace the () in the part number with: **A** for Almond or **B** for Black or **G** for Gray

MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Price Each			
			L	W	H	1	10	25	
Standard									
635-C-4-	C-4-	B	2.13	1.38	.58				
635-C-6-	C-6-	B	2.26	1.61	.75				
635-C-8-	C-8-	B	2.40	1.85	.93				
635-C-10-	C-10-	B	2.30	3.25	.80				
635-C-12-	C-12-	B	2.40	3.75	1.00				
635-C-28-	C-28-	B	1.85	5.00	1.00				
With Pocket Clip									
635-C-4PC-	C-4PC-	B	2.13	1.32	.58				
635-C-6PC-	C-6PC-	B	2.26	1.61	.75				
635-C-8PC-	C-8PC-	B	2.40	1.85	.93				
635-C-10PC-	C-10PC-	B	3.25	2.30	.80				

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SERPAC C - SERIES TRANSLUCENT COLORS**Features:**

- Hi-Impact ABS plastic
- UL 94 HB flammability rating
- Custom colors, machining, molding, and pad printing available

There are 4 colors available, replace the () in the part number with:
BL for Blue or **GR** for Green or **RD** for Red or **GY** for Gray

MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Price Each			
			L	W	H	1	10	25	
635-C-4TR-	C-4-TR-	B	2.13	1.38	.58				
635-C-6TR-	C-6-TR-	B	2.26	1.61	.75				
635-C-8TR-	C-8-TR-	B	2.40	1.85	.93				
635-C-10TR-	C-10-TR-	B	3.25	2.30	.80				

SERPAC CH - SERIES**Features:**

- Hi-Impact ABS plastic
- UL 94 HB flammability rating
- Custom colors, machining, molding, and pad printing available
- One Insert Area

- Two-piece design with rounded edges
- Accepts .031" circuit board trapped on outer perimeter and central boss

There are 3 colors available, replace the () in the part number with: **A** for Almond or **B** for Black or **G** for Gray

MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Price Each			
			L	W	H	1	10	25	
635-CH-4-	CH-4-	B	2.27	1.52	.59				
635-CH-6-	CH-6-	B	2.39	1.74	.76				
635-CH-8-	CH-8-	B	2.40	1.85	.93				

SERPAC CA - SERIES**Features:**

- Ergonomic design
- 0 to 6 button configurations available (configurations vary by model)
- All models are designed to hold 20mm coin cell battery (CA-10 is also designed to hold 2 x AAA batteries)
- CA-6 and CA-8 models have watertight button(s) and a perimeter ring
- Assembles with two or three screws
- High impact ABS plastic
- UL 94HB flammability rating

There are 3 colors available, replace the () in the part number with: **A** for Almond or **B** for Black or **G** for Gray

MOUSER STOCK NO.	Serpac Part No.	Fig.	No. of Buttons	Dimensions: in.			Price Each		
				L	W	H	1	10	25
635-CA-6-0-	CA-6-0-	C	0	3.01	1.45	1.07			
635-CA-8-0-	CA-8-0-	D	0	3.27	1.81	1.02			
635-CA-10-0-	CA-10-0-	E	0	3.32	2.47	1.08			
635-CA-6-1-	CA-6-1-	C	1	3.01	1.45	1.07			
635-CA-8-1-	CA-8-1-	D	1	3.27	1.81	1.02			
635-CA-10-1-	CA-10-1-	E	1	3.32	2.47	1.08			
635-CA-4-2-	CA-4-2-	F	2	1.73	0.6	2.48			
635-CA-6-2-	CA-6-2-	C	2	3.01	1.45	1.07			
635-CA-8-2-	CA-8-2-	D	2	3.27	1.81	1.02			
635-CA-10-2-	CA-10-2-	E	2	3.32	2.47	1.08			
635-CA-4-3-	CA-4-3-	F	3	1.73	0.6	2.48			
635-CA-6-3-	CA-6-3-	C	3	3.01	1.45	1.07			
635-CA-8-3-	CA-8-3-	D	3	3.27	1.81	1.02			
635-CA-10-3-	CA-10-3-	E	3	3.32	2.47	1.08			
635-CA-4-4-	CA-4-4-	F	4	1.73	0.6	2.48			
635-CA-6-4-	CA-6-4-	C	4	3.01	1.45	1.07			
635-CA-8-4-	CA-8-4-	D	4	3.27	1.81	1.02			
635-CA-10-4-	CA-10-4-	E	4	3.32	2.47	1.08			
635-CA-8-5-	CA-8-5-	D	5	3.27	1.81	1.02			
635-CA-10-5-	CA-10-5-	E	5	3.32	2.47	1.08			
635-CA-10-6-	CA-10-6-	E	6	3.32	2.47	1.08			

Plastic Boxes

SERPAC Enclosures

SERPAC
Electronic Enclosures

SERPAC S - SERIES

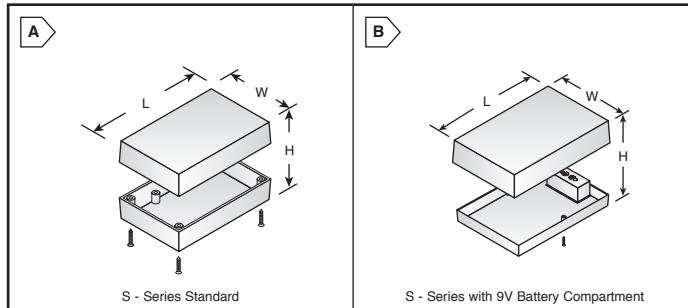
Features:

- Hi-Impact ABS plastic
- Custom colors, machining, molding, and pad printing available
- "I" version has a .015" smooth depression on top for printing or flush membrane/label surface
- Wall mount options available on select models. Contact a Mouser Service Representative

There are 3 colors available, replace the () in the part number with: A for Almond or B for Black or G for Gray

- UL 94 HB flammability rating
- Two-piece standard design
- Circuit board mounting bosses

MOUSER STOCK NO.	Serpac Part No.	MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Price Each		
					L	W	H	1	10	25
Standard										
635-021-	021-	635-021-I-	021-I-	A	4.10	2.60	.90			
635-031-	031-	635-031-I-	031-I-	A	4.38	3.25	.91			
635-032-	032-	-	-	A	4.38	3.25	1.41			
635-033-	033-	635-033-I-	033-I-	A	4.38	3.25	1.91			
635-051-	051-	635-051-I-	051-I-	A	5.63	3.25	.91			
635-052-	052-	-	-	A	5.63	3.25	1.41			
635-053-	053-	635-053-I-	053-I-	A	5.63	3.26	1.91			
635-071-	071-	635-071-I-	071-I-	A	6.88	4.88	.91			
635-072-	072-	635-072-I-	072-I-	A	6.88	4.88	1.41			
635-073-	073-	635-073-I-	073-I-	A	6.88	4.88	1.91			
635-091-	091-	635-091-I-	091-I-	A	9.50	6.34	.91			
635-092-	092-	635-092-I-	092-I-	A	9.50	6.34	1.41			
635-093-	093-	635-093-I-	093-I-	A	9.50	6.34	1.91			
-	-	635-110-I-	110-I-	A	3.63	2.27	1.01			
635-111-	111-	635-111-I-	111-I-	A	3.61	2.27	1.51			
635-112-	112-	-	-	A	3.61	2.27	2.01			
635-113-	113-	-	-	A	3.61	2.27	2.51			
635-131-	131-	635-131-I-	131-I-	A	4.38	3.25	1.51			
635-132-	132-	-	-	A	4.38	3.25	2.01			
635-133-	133-	635-133-I-	133-I-	A	4.38	3.25	2.51			
635-151-	151-	635-151-I-	151-I-	A	5.63	3.25	1.51			
635-152-	152-	-	-	A	5.63	3.26	2.01			
635-153-	153-	635-153-I-	153-I-	A	5.63	3.25	2.51			
635-171-	171-	635-171-I-	171-I-	A	6.88	4.88	1.51			
635-172-	172-	635-172-I-	172-I-	A	6.88	4.88	2.01			
635-173-	173-	635-173-I-	173-I-	A	6.88	4.88	2.51			
635-182-	182-	635-182-I-	182-I-	A	14.21	4.88	2.01			
635-191-	191-	635-191-I-	191-I-	A	9.50	6.34	1.51			
635-192-	192-	635-192-I-	192-I-	A	9.50	6.34	2.01			
635-193-	193-	635-193-I-	193-I-	A	9.50	6.34	2.51			



SERPAC SL - SERIES

Features:

- Hi-Impact ABS plastic
- UL 94 HB flammability rating
- Custom colors, machining, molding, and pad printing available
- Two-piece design with slanted top
- Recessed top for label
- Circuit board mounting bosses
- Wall mount options available on select models; contact a Mouser Service Representative

There are 3 colors available, replace the () in the part number with: A for Almond or B for Black or G for Gray

MOUSER STOCK NO.	Serpac Part No.	Fig.	Dimensions: in.			Price Each		
			L	W	H	1	10	25
635-05-S-	05-S-	A	5.63	3.25	.91			
635-07-S-	07-S-	B	6.88	4.88	1.88			
635-15-S-	15-S-	C	5.63	3.25	1.51			
635-17-S-	17-S-	D	6.88	4.88	2.49			

With 9V Battery Compartment

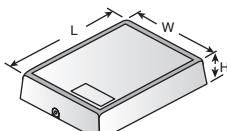
For quantities greater than listed, call for quote.

635-25-S-	25-S-	E	5.63	3.25	1.52			
635-27-S-	27-S-	F	6.88	4.88	2.49			

SERPAC G - SERIES WALL MOUNT APPLICATIONS

Features:

- Hi-Impact ABS plastic
- UL 94 HB flammability rating
- Custom colors, machining, molding, and pad printing available
- Two-piece design
- Fits standard gang boxes
- Circuit board mounting bosses
- Color: Almond



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Serpac Part No.	Dimensions: in.			Price Each		
		L	W	H	1	10	25
635-G-10-A	G-10-A	4.38	3.25	.89			
With Drilled Hole for LED and Recessed Area for Label							
635-G-10A-A	G-10A-A	4.38	3.25	.89			

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SERPAC ENCLOSURE ACCESSORIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Serpac Part No.	Description	Price Each			
			1	10	25	50
635-50	50	Black press-in feet				
635-51	51	Black stick-on feet				
635-52	52	Clear stick-on feet				
635-60	60	Standoff holes				
635-61	61	Standoff posts				

Waterproof Gaskets

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Serpac Part No.	For S- and SL- Series Enclosures	Price Each		
			1	10	50
635-PS-11	PS-11	111, 112, 113			
635-PS-13	PS-13	131, 132, 133			
635-PS-15	PS-15	151, 152, 153, 15-S			
635-PS-17	PS-17	171, 172, 173, 17-S			
635-PS-19	PS-19	191, 192, 193			

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EUsales@mouser.com

1897

EBM-PAPST Tubeaxial AC Fans

ebm-papst

4000N SERIES

Features:

- Metal housing and impeller
- Air intake over struts
- Clockwise rotation viewed from rotor
- Electrical connection with LZ120 plug & cord set or soldered
- Terminals with 2 flat pins 2.8x5.0mm
- 4.3mm mounting holes

 This product is RoHS compliant.

Recommended Manufacturer's Accessories:

- Plastic Finger Guard: LZ30-5, LZ30P
- Metal Finger Guard: LZ30
- Screen/Bracket: LZ40N and LZ40-1
- Metal Mesh Filter: LZ60
- Mounting Screw Clip: LZ210
- Plug and Cord Set: LZ120 or LZ126

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-4600N	A	119x38	115	105.9	18.0	3100	50.0	60	Sintec				
5912-4606N	A	119x38	115	105.9	18.0	3100	51.0	90	Ball				
5912-4624N	A	119x38	24	105.9	18.0	3100	50.0	60	Sintec				
5912-4650N	A	119x38	230	94.2	19.0	2650	46.0	55	Sintec				

4000Z SERIES

Features:

- Metal housing and impeller
- Air exhaust over struts
- Clockwise rotation viewed from rotor
- Electrical connection with LZ120 plug & cord set or soldered
- Terminals with 2 flat pins 2.8x5.0mm
- 4.3mm mounting holes

Recommended Manufacturer's Accessories:

- Plastic Finger Guard: LZ30-5, LZ30P
- Metal Finger Guard: LZ30
- Screen/Bracket: LZ40N and LZ40-1
- Metal Mesh Filter: LZ60
- Mounting Screw Clip: LZ210
- Plug and Cord Set: LZ120 or LZ126

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-4530Z	B	119x38	115	70.6	12.0	2000	32.0	70	Sintec				
5912-4800Z	B	119x38	115	61.8	12.0	1800	28.0	70	Sintec				
5912-4600Z	B	119x38	115	105.9	18.0	3100	45.0	60	Sintec				
5912-4650Z	B	119x38	230	94.2	19.0	2650	40.0	50	Sintec				
5912-4656Z	B	119x38	230	94.2	19.0	2650	40.0	75	Ball				
5912-4606Z	B	119x38	115	105.9	18.0	3100	45.0	85	Ball				

8000N SERIES

Features:

- Metal housing and impeller
- Air exhaust over struts
- Termination: 12.2" leads
- 4.3mm mounting holes

Recommended Manufacturer's Accessories:

- Plastic Finger Guard: LZ32P

* Note: 8500DP has a 5 year warranty

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-8506N	C	80x38	115	35.9	11.0	3300	35.0	95	Ball				
5912-8556N	C	80x38	230	29.4	12.0	2700	31.0	90	Ball				
5912-8800N	C	80x38	115	27.7	11.0	2500	28.0	70	Sintec				
5912-8830N	C	80x38	115	21.2	8.0	1950	21.0	80	Sintec				
* 5912-8500DP	C	80x38	115	35.9	11.0	3200	34.0	75	Sintec				
5912-8500N	C	80x38	115	35.9	11.0	3200	34.0	75	Sintec				
5912-8550N	C	80x38	230	29.4	12.0	2700	30.0	70	Sintec				

4600X SERIES

Features:

- Metal housing and impeller
- Air exhaust over struts
- Termination: 0.110" terminals
- 4.3mm mounting holes
- Electrical connection with LZ120 plug & cord set or soldered

* Note: 8500DP has a 5 year warranty

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-4606X	C	119x38	115	106.0	18.0	3100	51.0	90	Ball				
5912-4656X	C	119x38	230	106.0	18.0	3100	51.0	90	Ball				
5912-4600X	C	119x38	115	106.0	18.0	3100	50.0	60	Sintec				
* 5912-4600XP	C	119x38	115	106.0	18.0	3100	50.0	60	Sintec				
5912-4650X	C	119x38	230	106.0	18.0	3100	50.0	60	Sintec				
5912-4800X	C	119x38	115	57.0	9.0	1750	32.0	75	Sintec				

3600 SERIES

Features:

- Metal housing and impeller
- Air exhaust over struts
- Termination: 12.2" leads
- 4.3mm mounting holes
- Electrical connection with LZ120 plug & cord set or soldered

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ23
- Plug and Cord Set: LZ120 or LZ126

* Note: 8500DP has a 5 year warranty

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-3606	C	92x38	115	44.0	11.0	3200	42.0	75	Ball				
5912-3656	C	92x38	230	41.0	12.0	2700	37.0	75	Ball				
5912-3600	C	92x38	115	52.0	11.0	3100	41.0	65	Sintec				

3900 SERIES

Features:

- Metal housing
- Plastic impeller
- Termination: 0.110" Terminals
- 4.3mm mounting holes
- Electrical connection with LZ120 plug & cord set or soldered

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ23
- Plug and Cord Set: LZ120 or LZ126

* Note: 8500DP has a 5 year warranty

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-3906	D	92x25	115	79.0	12.0	2850	42.0	70	Ball				
5912-3956	D	92x25	115	58.9	8.0	2100	34.5	80	Ball				
5912-3900	D	92x25	230	68.9	14.0	2450	37.0	70	Sintec				

9900 SERIES

Features:

- Metal housing
- Plastic impeller
- Termination: 0.110" Terminals
- 4.7mm mounting holes
- Electrical connection with LZ120 plug & cord set or soldered

Recommended Manufacturer's Accessories:

- Plastic Finger Guard: LZ30-5, LZ30P
- Metal Finger Guard: LZ30
- Screen/Bracket: LZ40N and LZ40-1
- Metal Mesh Filter: LZ60
- Mounting Screw Clip: LZ210

* Note: 8500DP has a 5 year warranty

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-9906	D	127x38	115	121.0	17.0	3100	47.0	75	Ball				
5912-9956	D	127x38	230	121.2	17.0	2750	47.0	60	Ball				
5912-9900	D	127x38	115	121.2	17.0	2750	47.0	75	Ball				
5912-9950	D	127x38	230	105.9	17.0	2700	46.0	55	Sintec				

5900 SERIES

Features:

- Metal housing
- Air exhaust

TUBEAXIAL AC FANS

i-maxx ACi4400 Series

Features:

- Fiberglass reinforced plastic impeller PA, housing PBT
- Electronic locked rotor protection
- Mounting holes: 3.7mm

Advantages vs. Equivalent AC Fan:

- 75% less power consumption
- 3dB or more noise reduction
- Much longer service life



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-ACI4410HH	A	119x38	115	105.9	4.4	3350	42	75	Ball				
5912-ACI4420H	A	119x38	230	94.1	3.3	3000	39	75	Ball				
5912-ACI4420HH	A	119x38	230	105.9	4.4	3350	42	75	Ball				

W2S130 Series

Features:

- Metal housing and impeller
- Termination: 13.3° leads
- Counterclockwise rotation looking at rotor
- 4.3mm mounting holes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-W2S130-AA25-01	B	ø150x55	115	223.6	38.0	3250	52	80	Ball				
5912-W2S130-AA03-01	B	ø150x55	230	223.6	39.0	3250	53	70	Ball				
5912-W2S130-AA03-49	B	ø150x55	115/230	223.6	38.0	3250	52	70	Ball				
5912-W2S130-BM15-01	B	ø150x55	115	250.1	46.0	3050	60	70	Ball				
5912-W2S130-BM03-01	B	ø150x55	230	250.1	46.0	3050	60	70	Ball				

W2E142 Series

Features:

- Metal housing and impeller
- Termination: 0.110" terminals
- 4.3mm mounting holes
- Air exhaust over struts
- 4.3mm mounting holes

For quantities greater than listed, call for quote.



RoHS Compliant

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-W2E142-BB05-01	C	150x172x38	115	230	24.0	3300	57	80	Ball				
5912-W2E142-BB01-01	C	150x172x38	230	230	28.0	3300	57	80	Ball				

W2E143 Series

Features:

- Metal housing and impeller
- Termination: 0.110" terminals
- 4.6mm mounting holes
- Air exhaust over struts
- 4.6mm mounting holes

For quantities greater than listed, call for quote.



RoHS Compliant

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-W2E143-AA15-01	D	172x51	115	260	26.0	3300	58	70	Ball				
5912-W2E143-AB15-01	D	172x51	115	295	29.0	3300	58	75	Ball				

W2E200H Series

Features:

- Metal housing, impeller, and terminal block
- Electrical connection with LZ120 plug & cord set or soldered

- Termination: terminal strip
- 4.5mm mounting holes

For quantities greater than listed, call for quote.



RoHS Compliant

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-W2E200-HK86-01	E	225x80	115	606	80.0	2800	61	65	Ball				
5912-W2E200-HK38-01	E	225x80	230	606	80.0	2550	61	65	Ball				

ACMAXX Series

The Acmaxx, the new generation of AC fans, offers a wide input voltage, high efficiency and reliability. The Acmaxx fans have higher volume flow, optional variable speed control, failure detection, speed and function monitoring.

Features:

- Plastic housing and impeller
- External rotor motor
- Features leads
- Nominal VAC - 115/230
- Screen/Bracket: LZ40N and LZ40
- 75% lower power consumption

For quantities greater than listed, call for quote.



RoHS Compliant

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxH	Voltage (AC Range)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-AC4300H	F	ø119x32	85-265	120	11.0	3400	51	70	Ball				
5912-AC3200JH	G	ø92x38	85-265	86	11.0	6800	55	70	Ball				

TUBEAXIAL DC FANS

4400F Series

Features:

- Counterclockwise rotation looking at rotor
- Mounting holes: 4.3mm

Recommended Manufacturer's Accessories:

- Plastic Finger Guard: LZ30-5, LZ30P
- Mounting Screw Clip: LZ210
- Screen/Bracket: LZ40N and LZ40
- Plug and Cord Set: LZ120 or LZ126



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Voltage (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-4412L	H	119x38	12	88.3	2.5	2700	37	70	Ball				
5912-4412M	H	119x38	12	108.3	4.2	3300	42	70	Ball				
5912-4412H	H	119x38	12	141.3	8.9	4300	49	70	Ball				
5912-4414L	H	119x38	24	88.3	2.5	2700	37	70	Ball				
5912-4414M	H	119x38	24	108.3	4.0	3300	42	70	Ball				
5912-4414N	H	119x38	24	120.7	5.2	3650	46	70	Ball				
5912-4414H	H	119x38	24	141.3	8.6	4300	49	70	Ball				
5912-4418M	H	119x38	48	108.3	4.2	3300	42	70	Ball				
5912-4418N	H	119x38	48	120.7	5.2	3650	46	70	Ball				
5912-4418H	H	119x38	48	141.3	8.6	4300	49	70	Ball				

EBM-PAPST Tubeaxial DC Fans

ebmpapst

Products may be RoHS compliant. Check mouser.com for RoHS status.

4400FN SERIES

Features:

- Electronically commutated external rotor motor
- Fiberglass reinforced plastic
- Air exhaust over struts
- Fully integrated commutation electronics
- BPBT housing • PA impeller
- Rotational direction CCW looking at rotor
- Electronic protection against reverse polarity, blocking and overloading by PTC-resistor partially impedance protected



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-4414FNN	A	119x25	24	117.7	8.5	4850	52	70	Ball				
5912-4412FNH	A	119x25	12	132.4	12.0	5400	55	70	Sintec				
5912-4414FNH	A	119x25	24	132.4	12.0	5400	55	70	Ball				

250 SERIES

Features:

- Plastic housing and impeller
- Termination: 6.3" leads
- Air exhaust over struts
- Brush-less micro-fan



For quantities greater than listed, call for quote.

5912-255N	B	25x8	5	1.9	0.4	9000	15	70	Sintec				
5912-255H	B	25x8	5	2.6	0.6	12000	28	55	Sintec				
5912-252N	B	25x8	12	1.9	0.5	9000	15	70	Sintec				

400F SERIES

Features:

- Plastic housing and impeller
- Air exhaust over struts
- Termination: 12.2" leads
- Counterclockwise rotation looking at the rotor

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ29-1



For quantities greater than listed, call for quote.

5912-405F	B	40x10	5	4.7	0.7	5400	22	70	Sintec				
5912-405FH	B	40x10	5	5.3	0.7	6000	26	70	Sintec				
5912-412FM	B	40x10	12	3.5	0.6	4300	17	70	Sintec				
5912-412F	B	40x10	12	4.7	0.7	5400	22	70	Sintec				
5912-412FH	B	40x10	12	5.3	0.8	6000	26	70	Sintec				
5912-414F	B	40x10	24	4.7	0.8	5400	22	70	Sintec				

400 SERIES

Features:

- Plastic housing and impeller
- Air exhaust over struts
- Termination: 12.2" leads
- Counterclockwise rotation looking at the rotor
- Includes tachometer

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ29-1



For quantities greater than listed, call for quote.

5912-405	C	40x20	5	5.9	0.9	6000	18	70	Sintec				
5912-412	C	40x20	12	5.9	0.9	6000	18	70	Sintec				
* 5912-412/2	C	40x20	12	5.9	0.9	6000	18	70	Sintec				
5912-412H	C	40x20	12	8.0	1.6	8100	29	60	Sintec				
5912-414	C	40x20	24	5.9	1.0	6000	18	70	Sintec				
5912-414H	C	40x20	24	8.0	1.6	8100	29	60	Sintec				

400JHH SERIES

Features:

- Plastic housing and impeller
- Air exhaust over struts
- Termination: 12.2" leads
- Counterclockwise rotation looking at the rotor

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ29-1



For quantities greater than listed, call for quote.

5912-412JHH	C	40x25	12	14.0	3.3	13000	46	60	Ball				
5912-414JHH	C	40x25	24	14.0	3.6	13000	46	60	Ball				

500F SERIES

Features:

- Plastic housing and impeller
- Air exhaust over struts
- Termination: 12.2" leads
- Counterclockwise rotation looking at the rotor



For quantities greater than listed, call for quote.

5912-512F	B	50x15	12	12.0	1.0	5000	30	70	Sintec				
5912-514F	B	50x15	24	12.0	1.0	5000	30	70	Sintec				

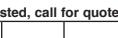
600F SERIES

Features:

- Plastic housing and impeller
- Air exhaust over struts
- Termination: 12.2" leads
- Counterclockwise rotation looking at the rotor

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ28



For quantities greater than listed, call for quote.

5912-605F	B	60x15	5	17.1	1.1	4000	27	50	Sintec				
5912-612FL	B	60x15	12	11.2	0.4	2650	16	70	Sintec				
5912-612F	B	60x15	12	17.1	1.1	3900	27	70	Sintec				
5912-614F	B	60x15	24	17.1	1.1	3900	27	70	Sintec				

600 SERIES

Features:

- Plastic housing and impeller
- Air exhaust over struts
- Termination: 12.2" leads
- Counterclockwise rotation looking at the rotor

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ28



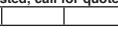
For quantities greater than listed, call for quote.

5912-612NME	B	60x25	12	20.6	0.8	4100	16	75	Ball				
5912-612NN	B	60x25	12	24.0	1.6	5100	35	70	Ball				
5912-612NHH	B	60x25	12	27.0	3.0	6850	41	70	Ball				
5912-614NL	B	60x25	24	12.4	0.9	2500	16	70	Ball				
5912-614NGHH	B	60x25	24	33.0	3.8	6850	43	70	Sintec				

700F SERIES

Features:

- Plastic housing and impeller
- Air exhaust over struts
- Termination: 12.2" leads
- Counterclockwise rotation looking at the rotor
- Fully integrated commutation electronics



For quantities greater than listed, call for quote.

5912-712F	B	70x15	12	25.9	1.7	5300	36	70	Sintec				
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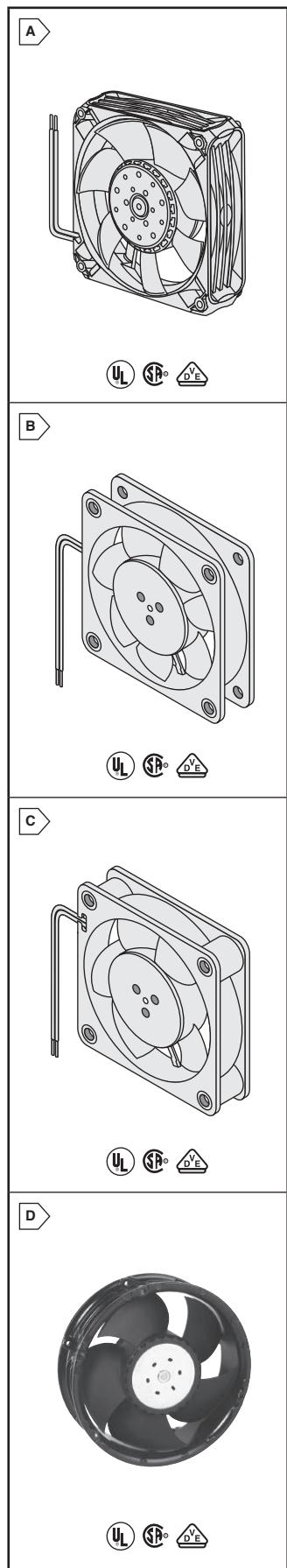
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visit mouser.com

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EBM-PAPST Tubeaxial DC Fans

ebm-papst

620 SERIES

Features:

- Clockwise rotation looking at rotor
- Mounting holes: 3.7mm

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	For quantities greater than listed, call for quote.			
										1	10	25	50
5912-622L	A	60x25	12	12.4	.53	3200	22	70	Ball				
5912-622M	A	60x25	12	17.7	1.00	4550	29	75	Ball				
5912-622HH	A	60x25	12	33.0	3.50	8200	43	70	Ball				
5912-624M	A	60x25	24	17.7	1.50	4550	29	70	Ball				
5912-624H	A	60x25	24	27.1	2.40	6850	39	70	Ball				

600J SERIES

Features:

- Clockwise rotation looking at rotor
- Mounting holes: 4.3mm



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	For quantities greater than listed, call for quote.			
										1	10	25	50
5912-614JH	B	60x32	24	41.1	7.70	11700	53	70	Ball				

8400N SERIES

Features:

- Counterclockwise rotation looking at rotor
- Spacer: LZ261

- Mounting holes: 4.3mm

Recommended Manufacturer's Accessories:

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	For quantities greater than listed, call for quote.			
										1	10	25	50
5912-8412NLE	C	80x25	12	19.4	.50	1500	17	85	Ball				
5912-8412N	C	80x25	12	41.0	2.00	3100	32	70	Ball				
5912-8412NH	C	80x25	12	46.5	2.20	3600	37	70	Ball				
5912-8414N	C	80x25	24	40.6	2.00	3100	32	70	Ball				
5912-8412NGLE	C	80x25	12	19.4	.50	1500	12	85	Sintec				
5912-8412NGME	C	80x25	12	34.1	1.40	2600	26	75	Sintec				
5912-8414NGH	C	80x25	24	46.5	2.40	3600	37	70	Sintec				

8300 SERIES

Features:

- Clockwise rotation looking at rotor
- Mounting holes: 4.3mm

Recommended Manufacturer's Accessories:

- Temperature Sensor: LZ370
- Spacer: LZ260

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	For quantities greater than listed, call for quote.			
										1	10	25	50
5912-8312	D	80x32	12	32.0	2.20	3300	36	75	Ball				
5912-8312HL	D	80x32	12	39.0	4.00	4200	43	75	Ball				
5912-8314M	D	80x32	24	28.3	2.10	3000	34	75	Ball				
5912-8314HL	D	80x32	24	39.4	4.30	4200	43	75	Ball				
5912-8314H	D	80x32	24	47.0	6.00	5000	48	75	Ball				
5912-8318	D	80x32	48	32.0	2.60	3300	36	75	Ball				

8200J SERIES - S FORCE FANS

Features:

- Clockwise rotation looking at rotor
- Mounting holes: 4.3mm
- Voltage Range: (8212) 7~13.8, (8214) 18~26.4, (8218) 20~58

RoHS Compliant

- *Tach Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	For quantities greater than listed, call for quote.			
										1	10	25	50
5912-8212JN	E	80x38	12	77.7	10.00	8400	55	70	Ball				
5912-8214JN	E	80x38	24	77.7	10.00	8400	55	70	Ball				
5912-8214JH4	E	80x38	24	131.0	38.00	14000	71	70	Ball				
* 5912-8214J/2H4	E	80x38	24	131.0	38.00	14000	71	70	Ball				

3400 SERIES

Features:

- Counterclockwise rotation looking at rotor
- Metal Finger Guard: LZ223
- Temperature Sensor: LZ370

- Mounting holes: 4.3mm

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ223
- Temperature Sensor: LZ370

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	For quantities greater than listed, call for quote.			
										1	10	25	50
5912-3412NLE	C	92x25	12	35.9	0.8	2300	23	85	Ball				
5912-3412NME	C	92x25	12	42.4	1.10	2300	28	75	Ball				
5912-3412N	C	92x25	12	49.4	2.2	2700	32	70	Ball				
5912-3414N	C	92x25	24	49.4	2.30	2700	32	70	Ball				
5912-3414NHH-386	C	92x25	24	60.0	3.20	3250	39	70	Ball				

3300 SERIES

Features:

- Counterclockwise rotation looking at rotor
- Totally encapsulated and sealed

- Mounting holes: 4.3mm

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ223
- Temperature Sensor: LZ370

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	For quantities greater than listed, call for quote.			
										1	10	25	50
5912-3212JN	F	92x38	12	76.5	7.5	6000	51	70	Ball				
5912-3214JN	F	92x38	24	76.5	8.0	6000	51	70	Ball				
5912-3214JH3	F	92x38	24	135.4	29.0	10500	66	55	Ball				
5912-3218JN	F	92x38	48	76.5	7.0	6000	51	70	Ball				
* 5912-3212J/2H4P	F	92x38	12	165.0	50.0	13000	73	70	Ball				

Common Features:

- Plastic housing and impeller
- Termination: 12.2" leads
- Air exhaust over struts

For quantities greater than listed, call for quote.

A

B

C

D

E

F

ebm-papst

Fans

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EBM-PAPST Tubeaxial DC Fans

ebm-papst

 This product is RoHS compliant.

4300 SERIES

Features:

- Clockwise rotation looking at rotor
- Mounting holes: 4.3mm

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ30
- Plug and Cord Set: LZ120 or LZ126
- Temperature Sensor: LZ370
- Spacer: LZ260

MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-4312L	A	119x32	12	56.0	1.2	1550	30	75	Ball				
5912-4312	A	119x32	12	100.0	5.0	2800	45	75	Ball				
5912-4314L	A	119x32	24	55.9	1.2	1550	30	75	Ball				
5912-4314M	A	119x32	24	82.0	2.6	2300	39	75	Ball				
5912-4314	A	119x32	24	100.0	5.0	2800	45	75	Ball				

4100N SERIES - S FORCE FANS

Features:

- Metal housing and plastic impeller
- Termination: 0.011" terminals
- Air exhaust over struts
- Clockwise rotation looking at rotor
- Mounting holes: 4.3mm

Recommended Manufacturer's Accessories:

- Plastic Finger Guard: LZ30-5, LZ30P
- Metal Finger Guard: LZ30
- Screen/Bracket: LZ40N and LZ40-1
- Metal Mesh Filter: LZ60
- Mounting Screw Clip: LZ210
- Plug and Cord Set: LZ120 or LZ126

For quantities greater than listed, call for quote.													
MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-4184NX	A	119x38	24	106.0	4.5	3200	49	75	Ball				
5912-4184NGX	A	119x38	24	94.2	3.5	3400	44	75	Sintec				
5912-4184NXH	A	119x38	24	139.0	11.0	4400	59	55	Ball				

High Performance Models

5912-4112NH4	A	119x38	12	208.9	32.0	6800	67	65	Ball				
5912-4114NH	A	119x38	24	152.9	15.5	5000	60	65	Ball				
5912-4114NH3	A	119x38	24	182.4	19.5	6000	65	65	Ball				
5912-4114NH5	A	119x38	24	229.5	45.0	7500	70	65	Ball				
5912-4114NH6	A	119x38	24	259.0	60.0	8400	73	65	Ball				
5912-4118NH3	A	119x38	48	182.4	19.5	6000	65	65	Ball				

5200 SERIES

Features:

- Plastic housing and impeller
- Termination: 12.2" leads
- Counterclockwise rotation looking at rotor
- Mounting holes: 4.3mm
- Air exhaust over struts

Recommended Manufacturer's Accessories:

For quantities greater than listed, call for quote.													
MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-5214NM	A	127x38	24	110.0	4.6	2750	43	75	Ball				

5100N SERIES

Features:

- Electronically commutated external rotor motor
- Fully integrated commutation electronics
- Electronic protection against reverse polarity and blocking
- Counterclockwise rotation looking at rotor
- Metal fan housing and impeller
- Mounting holes: 4.3mm
- Air exhaust over struts

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ25
- Mounting holes: 4.3mm
- Air exhaust over struts
- Mounting Screw Clip: LZ210
- Plug and Cord Set: LZ120 or LZ126

For quantities greater than listed, call for quote.													
MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-5114N	B	135x38	24	147.1	9.5	2900	48	72	Ball				

7100N SERIES

Features:

- Electronically commutated external rotor motor
- Fully integrated commutation electronics
- Electronic protection against reverse polarity and blocking
- Counterclockwise rotation looking at rotor
- Metal fan housing and impeller
- Mounting holes: 4.3mm
- Air exhaust over struts

Recommended Manufacturer's Accessories:

- Metal Finger Guard: LZ24
- Mounting Screw Clip: LZ210

For quantities greater than listed, call for quote.													
MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-7112N	C	ø150x38	12	211.9	12.0	2850	55	72	Ball				
5912-7114N	C	ø150x38	24	211.9	12.0	2850	55	72	Ball				

6200N SERIES

Features:

- Metal housing and plastic impeller
- Termination: 0.118" terminals
- Counterclockwise rotation looking at rotor
- Air exhaust over struts
- Mounting holes: 4.3mm

Recommended Manufacturer's Accessories:

- Plug and Cord Set: LZ120 or LZ126

For quantities greater than listed, call for quote.													
MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-6224N	D	ø172x51	24	241.0	18.0	3400	55	72	Ball				
5912-6224NM	D	ø172x51	24	206.0	18.0	2850	50	72	Ball				
5912-6224NU	D	ø172x51	24	241.3	18.0	3400	55	72	Ball				
5912-6248N	D	ø172x51	48	241.3	11.5	3400	55	72	Ball				

2200 FTD SERIES - S FORCE FANS

Features:

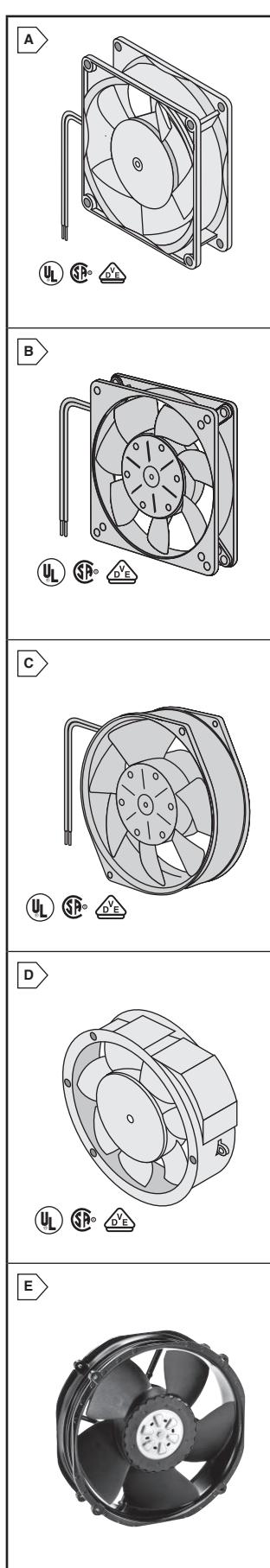
- Aluminum housing, fiberglass reinforced PA impeller; housing with grounding lug for screw M4 x 8
- Air exhaust over struts; rotational direction CCW looking at rotor
- With electronic protection against reverse polarity
- Electrical connection via single leads AWG 20, stripped and tinned ends
- Standard with speed signal and PWM (P) or 0-10VDC/PWM (0) speed control

For quantities greater than listed, call for quote.													
MOUSER STOCK NO.	Fig.	Dimensions (mm) LxW	Volt. (DC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
5912-2214F/2TDHO	E	200x51	24	464.7	41.0	4250	62	75	Ball				
5912-2214F/2TDHO	E	200x51	24	552.9	54.0	5000	66	70	Ball				
5912-2218F/2TDHO	E	200x51	48	552.9	54.0	5000	66	70	Ball				
5912-2218F/2TDHP	E	200x51	48	717.6	103.0	6500	72	65	Ball				

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EBM-PAPST AC & DC Flatpaks® and Motorized Impellers ebmpapst

S-FORCE RADIAL BLOWERS

RL48DC Series

- 3-phase fan drive with high degree of smooth operation
- High pressure build-up
- Fiberglass-reinforced plastic impeller
- Fully integrated electronic commutation

MOUSER STOCK NO.	ebm-papst Part No.	Fig.	Volt. (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	10	25	50
Size: Dimensions (mm) ø120 Lx54mm W													
5912-RER120-26142TDP	RER120-26/14/2TDP	A	24	221.9	78.0	6100	8.2	75	Ball				
Size: Dimensions (mm) ø175 Lx69mm W													
5912-RER17542182TDM	RER175-42/18-2TDM	A	48	353.0	42.0	3400	7.3	65	Ball				
Size: Dimensions (mm) ø175 Lx69mm W													
5912-RER175-42182TDP	RER175-42/18/2TDP	A	48	576.8	166.0	5400	8.5	65	Ball				
Size: Dimensions (mm) ø190 Lx69mm W													
5912-RER190-45182TDP	RER190-45/18/2TDP	A	48	635.7	216.0	4600	7.9	65	Ball				

DC FLATPAK® RADIAL BLOWERS

RL48DC Series

- Plastic spiral housing and blower
- Electronically commutated external rotor motor
- Termination: 12.2" leads

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Volt. (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RL48-19/12	B	76x27	12	16.5	5.0	4400	51.0	70	Ball				
5912-RL48-19/14	B	76x27	24	16.5	5.0	4400	51.0	70	Ball				

RL90DC Series

- DC brushless motor
- Mounts in any position for pressurizing or evacuating
- Termination: 12.2" leads

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Volt. (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RL90-18/14N	C	121x37	24	24.0	5.0	2500	58.0	75	Ball				

RLF100 Series

- Plastic housing and blower wheel
- Electronically commutated external rotor motor
- Protection against overloading & reverse polarity

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Volt. (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RLF100-11/18	D	127x25	48	37.7	17.0	5100	60.0	75	Ball				

AC FLATPAK® RADIAL BLOWERS

- Shallow depth
- Mounts in any position for pressurizing, evacuating, or spot cooling

RL90AC Series

- Termination: 12.2" leads

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Volt. (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RL90-18/00	C	121x37	115	25	20.0	2550	60.0	60	Sintec				

RG90AC Series

- Termination: 13.4" leads

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Volt. (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RG90-18/06	E	135x38	115	28	22.0	1900	60.0	65	Ball				

RG160AC Series

- Termination: 12.8" leads

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Volt. (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RG160-28/06S	F	220x56	115	131	50.0	3050	69.0	80	Ball				

DC MOTORIZED IMPELLERS

R1G133 Series

- DC brushless
- Termination: 17.7" leads
- Recommended inlet ring 9566-2-4013
- Plastic impeller

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Volt. (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-R1G133-AA17-02	G	ø133x60 Round	24	212	28.0	3900	63.0	60	Ball				

AC MOTORIZED IMPELLERS

RERAC Series

- Termination: 16.7" leads

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RER160-28/06S	G	ø176x54	115	161	46.0	3250	68.0	70	Ball				

R2E220 Series

- Termination: 17.7" leads
- Recommended inlet ring 9609-2-4013

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-R2E220-AA44-23	G	ø220x71	115	500	96.0	2700	70.0	40	Ball				

R2E-220-AA40-23

- Termination: 230
- 530
- 100.0
- 2550
- 74.0
- 40

MOUSER STOCK NO.	Fig.	Dimensions: mm (LxW)	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-R2E-220-AA40-23	G	ø220x71	230	530	100.0	2550	74.0	40	Ball				

ACCESSORIES - INLET RINGS

MOUSER STOCK NO.	Fig.	Impeller Number	Dimensions (in.) Max.					Price Each			
A	B	C	1	10	25						

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QUALTEK Fan Accessories

Qualtek
Electronics Corporation

FAN SILENCERS

For fast and screwless fan fastening without vibration to the housing. With the patented rubber elastic sleeves you fasten axial fans without screws, quickly and safe with four mushroom formed pegs on a mounting plate or a housing wall.



RoHS Compliant

Features:

- Eliminates transmission of vibration from the fan to the housing and reduces noise up to 9dB
- Fast, simple, and safe screwless mounting and remounting from fans
- Labor saving device with less mounting costs through shorter mounting times
- Protects the fan against vibrations and thus increases the life

Specifications:

- Material: TPE (Thermoplastic Elastomer)
- Color: Black
- Hardness: ca. 70° Shore A
- Fire Resistance: UL94-V-0

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Qualtek Part No.	Fig.	Fits Fan Size	Price Each			
				1	25	50	100
562-QLM-40	QLM-40-20-10	A	40mm				
562-QLM-60	QLM-60-30-10	A	60mm				
562-QLM-80	QLM-80-40-10	A	80mm				
562-QLM-90	QLM-92-40-10	A	90mm				
562-QLM-120	QLM-119-50-10	A	120mm				

Accessories

For quantities greater than listed, call for quote.

Finger Guards			
562-QSG-40-01	QSG-40-01	B	40mm, width = 42.0mm
562-QSG-60-01	QSG-60-01	B	60mm, width = 62.0mm
562-QSG-80-01	QSG-80-01	B	80mm, width = 82.0mm
562-QSG-92-01	QSG-92-01	B	90mm, width = 94.0mm
562-QSG-119-01	QSG-119-01	B	120mm, width = 121.0mm
562-QSG-119-02	QSG-119-02	B	120mm, width = 128.0mm

Finger Guard Pins

562-QN-36-110	QN-36-110	C	-				

Filter Media

562-QF-40	QF-40-01	D	40mm				
562-QF-60	QF-60-01	D	60mm				
562-QF-80	QF-80-01	D	80mm				
562-QF-92	QF-92-01	D	90mm				
562-QF-119	QF-119-01	D	120mm				

EMI Filter Shields

562-QSB-40	QSB-40-01	E	40mm				
562-QSB-60	QSB-60-01	E	60mm				
562-QSB-80	QSB-80-01	E	80mm				
562-QSB-92	QSB-92-01	E	90mm				
562-QSB-119	QSB-119-01	E	120mm				

WIRE FORM FAN GUARDS - 08 SERIES

For use with tubeaxial fans.
1/4" maximum ring spacing
design was developed to assist our customers in complying with domestic and international safety agency requirements.

Specifications:

- Over wire dia. at butt joints: .010 max.
- Depth of serrations: .015 max.
- Thickness of nickel chrome plating: .005 min.
- Tolerance: ±.03"

Features:

- C1010 basic wire
- Weld joints withstand 220lbs. minimum separation force
- †Black



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Qualtek Part No.	Fig.	Fits Fan Size	Dimensions (mm)		Price Each				
				A	B	C	1	25	50	100
562-08149	08149	F	40mm	29.1	32.0	4.80				
562-08248	08248	G	50mm	41.6	40.0	4.80				
562-08147	08147	H	60mm	53.1	50.0	4.95				
562-08147-02	08147-02	H	60mm	53.1	50.0	4.95				
562-08132	08132	H	80mm	76.2	71.5	4.95				
562-08153	08153	I	80mm	76.9	71.37	3.89				
562-08172	08172	H	80mm	76.2	71.4	4.95				
562-08134	08134	J	92mm	89.4	82.5	4.95				
562-08174	08174	J	92mm	89.4	82.4	4.95				
562-08128	08128	K	120mm	115.6	104.9	7.11				
562-08129	08129	L	120mm	115.6	104.9	3.75				
562-08130	08130	L	120mm	115.6	104.9	5.66				
562-08170	08170	L	120mm	115.6	104.8	5.66				
562-08141	08141	M	120mm	117.3	104.8	5.21				
562-08146	08146	N	120mm	109.5	104.8	4.83				
562-08125	08125	O	150mm	154.4	161.9	6.45				
562-08126	08126	P	150mm	154.4	161.9	6.45				
562-08127	08127	Q	254mm	222.3	174.00	6.35				
562-08154	08154	R	254mm	209.6	174.00	8.35				

PLASTIC FAN GUARDS - 09 SERIES

The 09 Series low cost plastic fan guards, produced with UL 94-V-0 material are designed for tubeaxial fans with design considerations given to maximize airflow with reduced noise levels.

Features:

- Decreased noise level due to design
- Withstands high impact



RoHS Compliant

For quantities greater than listed, call for quote.

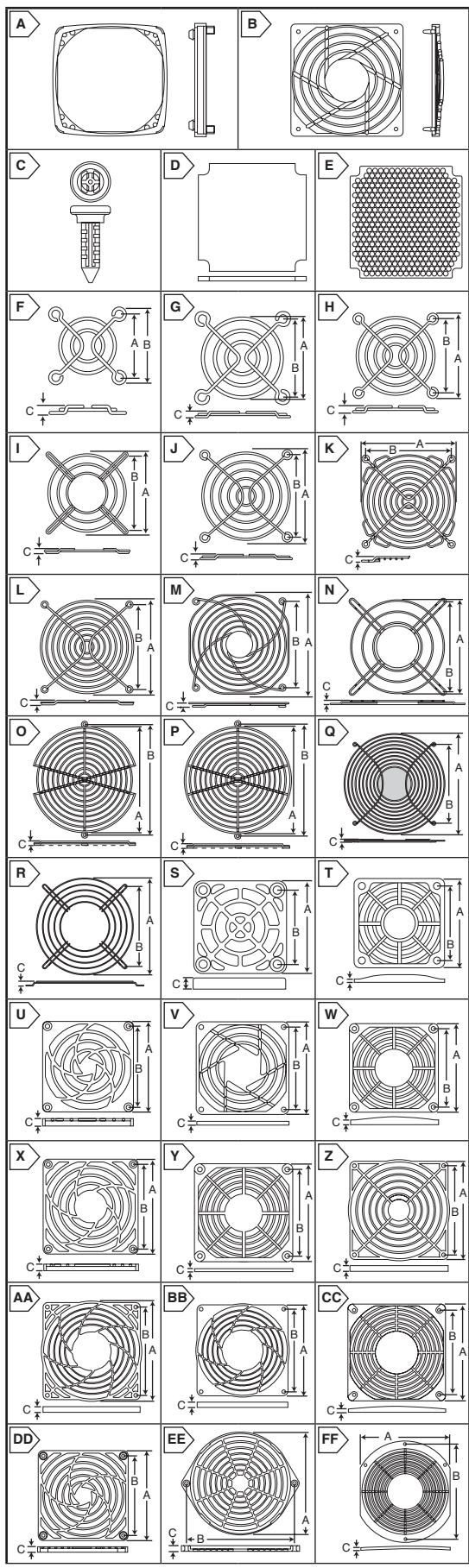
MOUSER STOCK NO.	Qualtek Part No.	Fig.	Fits Fan Size	Mounting Hole	Dimensions (mm)		Price Each				
					A	B	C	1	25	50	100
62-09150G	09150-G	S	40mm	1.26	39.87	32.0	4.75				
562-09250G	09250-G	S	60mm	1.97	59.94	50.0	6.35				
562-09252-G	09252-G	T	60mm	1.96	60.00	50.00	7.00				
562-09325G	09325-G	U	80mm	2.81	80.0	71.37	6.60				
562-09080-G	09080-G	V	80mm	2.81	79.96	71.4	3.04				
562-09081-G	09081-G	W	80mm	2.81	80.00	71.50	7.00				
562-09362G	09362-G	X	92mm	3.25	91.95	82.55	6.35				
562-09363G	09363-G	Y	92mm	3.245	92.0	82.5	7.0				
562-09120-G	09120-G	Z	120mm	4.13	115.1	104.8	6.60				
562-09121-G	09121-G	AA	120mm	4.13	115.1	104.8	6.60				
562-09122-G	09122-G	BB	120mm	4.12	115.1	104.8	6.60				
562-09123-G	09123-G	CC	120mm	4.13	120.0	105.0	7.0				
562-09450G	09450-G	DD	120mm	4.13	118.11	104.92	7.11				
562-09650G	09650-G	EE	150mm	6.38	176.5	161.8	9.91				
562-09651G	09651-G	FF	150mm	6.37	176.5	161.8	7.5				

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QUALTEK Fan Accessories

Qualtek
Electronics Corporation

PLASTIC FAN FILTER ASSEMBLIES

Guard:

- UL Listed 94V-0 material
- Decreased noise level due to design
- Withstands high impact

Media:

- Helps reduce external fan noise
- Easily cleaned by vacuuming or washing with most soaps, detergents, or cleaning solvents

Retainer:

- UL Listed 94V-0 material
- Designed for minimal air restriction



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Qualtek Part No.	Fig.	Fits Fan Size	Description	Dimensions: mm			Price Each			
					Height	Width	Thickness	1	25	50	100
562-09150F30	09150-F/30	A	40mm	Guard, retainer,media (30PPI)	39.88	32.0	4.83				
562-09150F45	09150-F/45	A	40mm	Guard, retainer, media (45PPI)	39.88	32.0	4.83				
562-09150M45	09150-M/45	A	40mm	Foam media (45PPI) (5 per pkg)	32.77	---	2.29				
562-09150G	09150-G	A	40mm	Plastic guard	39.87	32.0	4.75				
562-09150R	09150-R	A	40mm	Retainer only	36.3	---	1.02				
562-09250F30	09250-F/30	A	60mm	Guard, retainer,media (30PPI)	59.94	50.0	6.35				
562-09250F45	09250-F/45	A	60mm	Guard, retainer, media (45PPI)	59.94	50.0	6.35				
562-09250M30	09250-M/30	A	60mm	Foam media (30PPI) (5 per pkg)	55.88	---	2.79				
562-09250M45	09250-M/45	A	60mm	Foam media (45PPI) (5 per pkg)	55.88	---	2.79				
562-09250G	09250-G	A	60mm	Plastic guard	59.94	50.0	6.35				
562-09250R	09250-R	A	60mm	Retainer only	56.6	---	3.3				
562-09325F30	09325-F/30	B	80mm	Guard, retainer,media (30PPI)	83.57	71.37	9.91				
562-09325F45	09325-F/45	B	80mm	Guard, retainer, media (45PPI)	83.57	71.37	9.91				
562-09325M30	09325-M/30	A	80mm	Foam media (30PPI) (5 per pkg)	77.72	---	3.81				
562-09325M45	09325-M/45	A	80mm	Foam media (45PPI) (5 per pkg)	77.72	---	3.81				
562-09325G	09325-G	A	80mm	Plastic guard	80.0	71.37	6.60				
562-09325R	09325-R	A	80mm	Retainer only	83.6	---	9.91				
562-09362F30	09362-F/30	B	92mm	Guard, retainer,media (30PPI)	96.52	82.55	9.91				
562-0936245	09362-F/45	B	92mm	Guard, retainer, media (45PPI)	96.52	82.55	9.91				
562-09362M30	09362-M/30	B	92mm	Foam media (30PPI) (5 per pkg)	89.92	---	3.30				
562-09362G	09362-G	B	92mm	Plastic guard	91.95	82.55	6.35				
562-09362M45	09362-M/45	B	92mm	Foam media (45PPI) (5 per pkg)	89.92	---	3.30				
562-09450F30	09450-F/30	B	120mm	Guard, retainer, media (30PPI)	123.7	104.9	10.67				
562-09450F45	09450-F/45	B	120mm	Guard, retainer, media (45PPI)	123.7	104.9	10.67				
562-09450M30	09450-M/30	B	120mm	Foam media (30PPI) (5 per pkg)	115.57	---	3.30				
562-09450M45	09450-M/45	B	120mm	Foam media (45PPI) (5 per pkg)	115.57	---	3.30				
562-09450G	09450-G	B	120mm	Plastic guard	118.11	104.92	7.11				
562-09450R	09450-R	B	120mm	Retainer only	123.7	---	10.67				
562-09650-F30	09650-F/30	C	150mm	Guard, retainer, media (30PPI)	176.5	161.8	9.91				
562-09650-F45	09650-F/45	C	150mm	Guard, retainer, media (45PPI)	176.5	161.8	9.91				
562-09650-M30	09650-M/30	C	150mm	Foam, media (30PPI)	176.5	161.8	9.91				
562-09650-M45	09650-M/45	C	150mm	Foam, media (45PPI)	149.86	---	3.3				
562-09650G	09650-G	C	150mm	Guard only	176.5	161.8	9.91				

FAN FILTERS

- Provides maximum airflow with effective filtering

- Easily washed in a solvent or degreaser and can be mounted directly to the fan or to a panel



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Qualtek Part No.	Fig.	Fits Fan Size	Filter	Dimensions: mm			Price Each			
					A	B	C	1	25	50	100
562-06250-B	06250-B	D	60mm	Anodized (Black)	63.50	49.53	3.50				
562-06250-M	06250-M	D	60mm	Mill (No Finish)	63.50	49.53	3.50				
562-06250S	06250-SS	D	60mm	Stainless Steel	59.94	50.04	4.45				
562-06325M	06325-M	D	80mm	Unfinished 3 1/8"	83.06	71.37	4.45				
562-06325B	06325-B	D	80mm	Black anodized 3 1/8"	83.06	71.37	4.45				
562-06325SS	06325-SS	D	80mm	Stainless Steel	83.82	71.37	4.45				
562-06362M	06362-M	D	92mm	Unfinished 3 1/8"	91.95	82.42	4.45				
562-06362B	06362-B	D	92mm	Black anodized 3 1/8"	91.95	82.42	4.45				
562-06362SS	06362-SS	D	92mm	Stainless Steel	91.95	82.42	4.45				
562-06450B	06450-B	D	120mm	Black anodized 4 1/2"	118.87	104.78	4.45				
562-06450M	06450-M	D	120mm	Clear coat 4 1/2"	118.87	104.78	4.45				
562-06450S	06450-SS	D	120mm	Stainless Steel	118.87	104.78	4.45				

FAN POWER CORDS

Fan-S offers four configurations of high quality fan power cords designed to be used with tubeaxial fans with a strain relief for added safety. Can be used with all AC fans using .110" x .020" faston standard terminals with .3125" spacing. Temperature rating: 105°C (max).

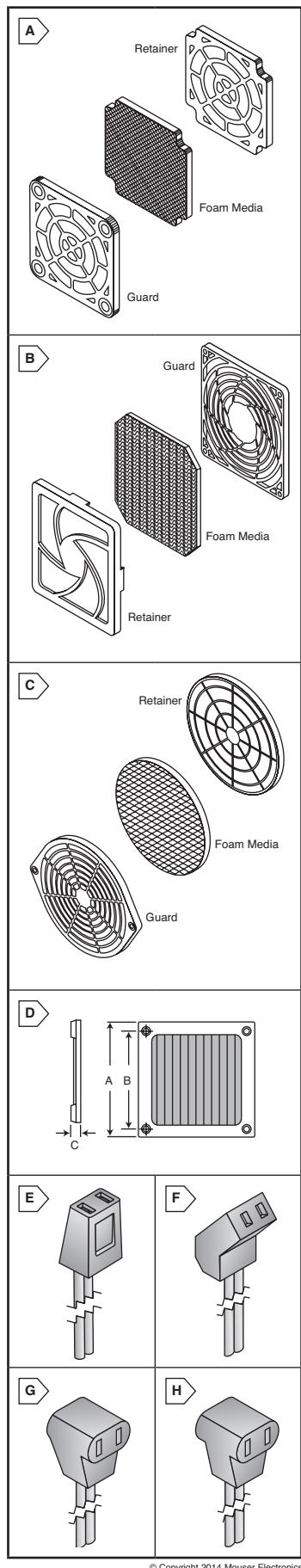
- UL and CSA rated at 7A/300 Volts



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Qualtek Part No.	Fig.	Plug Style	Cord Length	Price Each			
					1	25	50	100
562-07100-12	07100-12	E	Straight	12 inches				
562-07100-24	07100-24	E	Straight	24 inches				
562-07100-36	07100-36	E	Straight	36 inches				
562-07100-50	07100-50	E	Straight	50 inches				
562-07100-72	07100-72	E	Straight	72 inches				
562-07145-12	07145-12	F	45°	12 inches				
562-07145-24	07145-24	F	45°	24 inches				
562-07145-36	07145-36	F	45°	36 inches				
562-07145-60	07145-60	F	45°	60 inches				
562-07145-SP36	07145-SP36	F	45°	36 inches with NEMA 115 plug				
562-07145-SP72	07145-SP72	F	45°	72 inches with NEMA 115 plug				
562-07190-12	07190-12	G	90°	12 inches				
562-07190-24	07190-24	G	90°	24 inches				
562-07190-36	07190-36	G	90°	36 inches				
562-07190-SP72	07190-SP72	G	90°	72 inches				
562-07199-12	07199-12	H	T-Type	12 inches				
562-07199-24	07199-24	H	T-Type	24 inches				
562-07199-36	07199-36	H	T-Type	36 inches				
562-07199-72	07199-72	H	T-Type	72 inches				



AAVID THERMALLOY Heat Sinks



RoHS Compliant. This product is RoHS compliant.

SLALOM SMT HEAT SINKS

Edge mounted "Skis" are designed for use in applications with limited PCB board space and allow customized of footprint design and size.

Features and Benefits:

- Increased thermal performance up to 30% with improved radiation of the black finish
- The black finish provides enhanced heat absorption, improving Infra-red reflow process cycle time/quality
- Unique, lightweight aluminum design

MOUSER STOCK NO.	Fig.	Description	Packaging	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
532-412512	A	SMT heatsink for D ² Pak	Bulk	26.00	12.70	12.70	1	250	500	1000
532-411399	A	SMT heatsink for D ² Pak	Tape and Reel	26.00	12.70	12.70				

FOR TO-3 CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
532-579103B00	B	Space saving, expandable collar	12.5	1.540	1.125	0.870				
532-575703B00	C	Space saving, slanted fin basket	13.4	1.630	1.290	0.750				
532-501303B00	D	Space saving, minimal board space	12.0	1.880	1.400	0.500				
532-501403B00	D	Space saving, minimal board space	10.0	1.880	1.400	0.750				
532-501503B00	D	Space saving, minimal board space	8.4	1.880	1.400	1.000				
532-501603B00	D	Space saving, minimal board space	7.8	1.880	1.400	1.250				
532-500403B00	E	Slanted fins for efficient cooling	5.0	1.810	1.810	1.250				
532-568303B00	F	Natural or forced air cooling	5.4	1.810	1.810	1.250				
532-569003B00	G	Fold-back fins for maximum surface	5.5	1.830	1.830	1.310				
532-506007B00	H	Universal hole pattern, low profile	7.0	2.000	1.750	0.375				

FOR TO-5 AND TO-39 CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
532-322505B00	I	Space saver, easy installation	40.0	0.750	0.750	0.400				
532-322805B00	I	Three finned for increased performance	40.0	0.875	0.875	0.531				
532-323005B00	J	Finned for maximum thermal cooling	56.0	0.750	0.750	0.250				
532-578305B00	K	Snap-on cooler for easy assembly	35.0	0.750	0.830	0.395				

FOR TO-18 AND TO-92 CASE STYLES

For quantities greater than listed, call for quote.

532-322400B00	L	Space saver, easy installation	100.0	0.500	0.500	0.235				
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FOR TO-92 CASE STYLES

For quantities greater than listed, call for quote.

532-575200B00	M	Slip-on, low cost, minimum space	60.0	-	0.602	0.720				
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FOR TO-126 AND TO-127 CASE STYLES

For quantities greater than listed, call for quote.

532-507302B00	N	Economy, low profile	24.0	0.750	0.750	0.375				
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FOR TO-202 CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
532-577304B00	O	Trim, low profile, minimum space	27.2	0.750	0.520	0.375				
532-577404B00	O	Trim, low profile, minimum space	24.0	0.750	0.520	0.500				
532-531002B25G	P	Extruded for HD application, solid pins	13.4	0.500	1.380	1.000				
532-531102B00	P	Extruded for HD application, no pins	10.4	0.500	1.380	1.500				
532-531102B25G	P	Extruded for HD application, solid pins	10.4	0.500	1.380	1.500				
532-531202B00	P	Extruded for HD application, no pins	7.5	0.500	1.380	2.000				
532-531202B25G	P	Extruded for HD application, solid pins	7.5	0.500	1.380	2.000				
532-531302B25	P	Extruded for HD application, solid pins	8.0	0.500	1.380	2.500				

FOR TO-218 CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
532-530101B15G	Q	Versatile high rise, twisted fins	6.3	0.500	1.750	1.750				
532-513102B25	R	Solder pins for solder mounting	11.0	0.500	1.380	1.500				
532-529801B25G	S	Solder pins for solder mounting	3.7	1.000	1.650	1.500				

FOR MULTIWATT CASE STYLES

For quantities greater than listed, call for quote.

532-566010B03400G	T	Vertical mount, slide-on with tabs	11.5	1.000	0.500	1.220				
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FOR SURFACE MOUNT CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
532-573100D00010G	U	D-Pak/TO-252, hi-cond. Copper	15.0	0.315	0.900	0.400				
532-573300D00010G	U	D ² Pak/TO-263, hi-cond. Copper	18.0	0.500	1.030	0.400				
532-573400D10G	U	D ³ Pak/TO-268, hi-cond. Copper	14.0	0.500	1.220	0.400				
532-7109DG	V	D ² Pak/TO-263, hi-cond. Copper	11.0	0.763	1.000	0.450				

FOR DIP PACKAGES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
532-580200B00	W	Low cost for 14/16 pin plastic DIP pkgs	20.0	0.837	0.600	0.410				
532-501100B00	X	Glue-on for 14/16 pin DIP packages	67.0	0.750	0.250	0.190				
532-501200B00	Y	Glue-on for 14/16 pin DIP packages	68.0	0.730	0.250	0.190				

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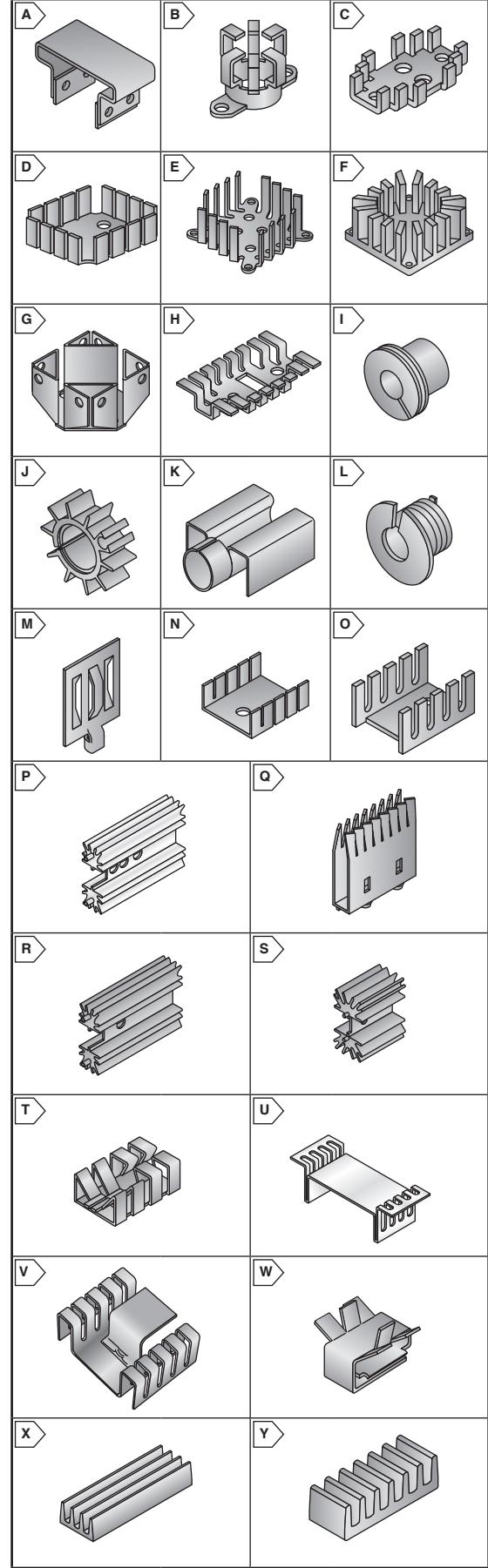
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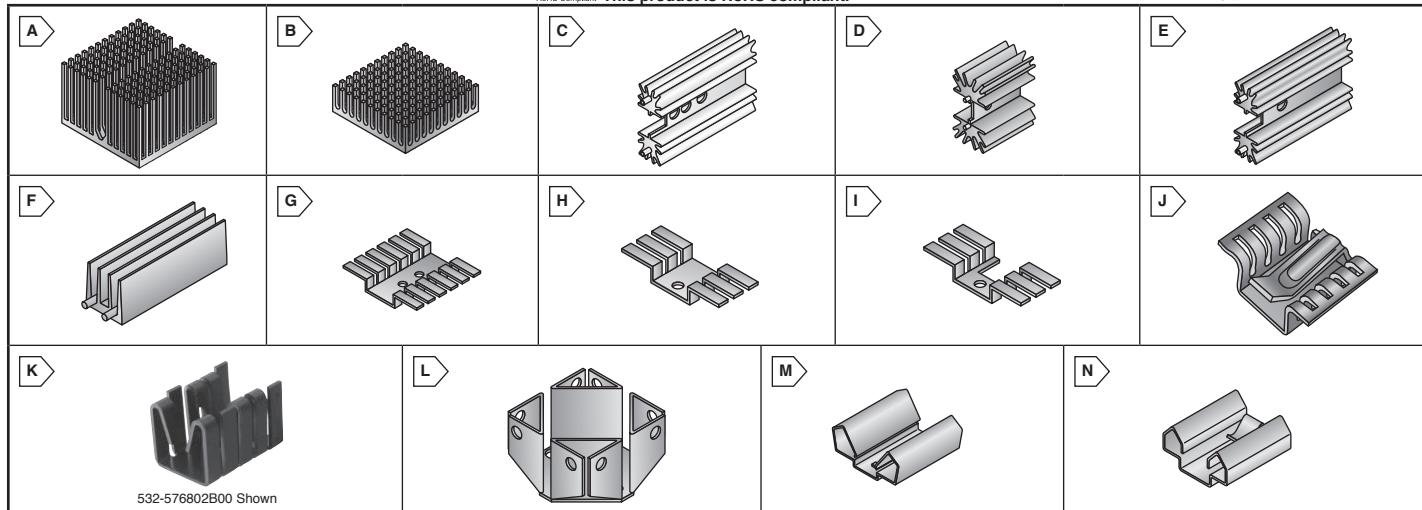
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AAVID THERMALLOY Heat Sinks

RoHS Compliant

This product is RoHS compliant.



532-576802B00 Shown

HEATSINKS FOR LED LIGHT SOURCES (TAPE ATTACHMENT METHOD)

Features:

- Tape mounting saves board space by eliminating mounting holes
- Convenient peel and stick assembly is quick and clean

- Can be used with either plastic or metal/ceramic BGA Packages
- Compatible with Ther-a-grip tapes
- For Superbright LEDs

- Finish: Black Anodize
- Base Thickness: 1.50mm

RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Aavid Thermalloy Part No.	Fig.	Surface	Dimensions: mm			Fin Thickness		Thermal Resistance		Number of Fins Across		Price Each			
				W	L	H	W	L	Natural	Forced	W	L	1	10	100	
532-374124B35G	374124B00035G	A	Plastic	23.0	23.0	18.0	1.4mm	1.59mm	23.4	7.39	6	6				
532-374424B35G	374424B00035G	A	Plastic	27.0	27.0	18.0	1.4mm	1.63mm	20.3	6.46	8	8				
532-374724B32G	374724B00032G	A	Metal	35.0	35.0	18.0	1.4mm	1.57mm	15.3	5.15	10	10				
532-374924B32G	374924B00032G	A	Metal	40.0	40.0	10.0	.90mm	.89mm	20.3	6.46	16	17				
532-375024B32G	375024B00032G	A	Metal	40.0	40.0	18.0	1.4mm	1.56mm	12.2	4.34	12	12				

BGA HEATSINKS FOR SMALL FOOTPRINT LEDs (TAPE ATTACHMENT METHOD)

Features:

- Tape mounting saves board space by eliminating mounting holes
- Convenient peel and stick assembly is quick and clean

- Can be used with either plastic or metal/ceramic BGA Packages
- Compatible with Ther-a-grip tapes
- For Superbright LEDs

- Finish: Black Anodize
- † Finish: Green Anodize

RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Aavid Thermalloy Part No.	Fig.	Surface	Dimensions: mm			Fin Thickness		Thermal Resistance		Number of Fins Across		Price Each			
				W	L	H	W	L	Natural	Forced	W	L	1	10	100	
532-374024B35G	374024B00035G	B	Plastic	23.0	23.0	10.0	.90mm	.93mm	40.0	11.69	10	11				
532-374324B35G	374324B00035G	B	Plastic	27.0	27.0	10.0	.90mm	.93mm	30.6	9.35	12	13				
532-371824B32G	371824B00032G	B	Metal	35.0	35.0	7.0	.97mm	1.14mm	31.9	9.67	11	11				
532-371824B34G	371824B00034G	B	Plastic	35.0	35.0	7.0	.97mm	1.14mm	31.9	9.70	11	11				
532-374624B32G	374624B00032G	B	Metal	35.0	35.0	10.0	.90mm	.89mm	23.4	7.55	14	15				
532-374724B35G	374724B00035G	B	Plastic	35.0	35.0	18.0	1.4mm	1.57mm	15.3	5.15	10	10				
532-373324M32G	373324M00032G	B	Metal	37.4	37.4	6.0	1.4mm	1.3mm	32.6	9.91	9	9				

FOR TO-220 CASE STYLES

* TO-220, TO-202 †† TO-220/20

† TO-220, Dual

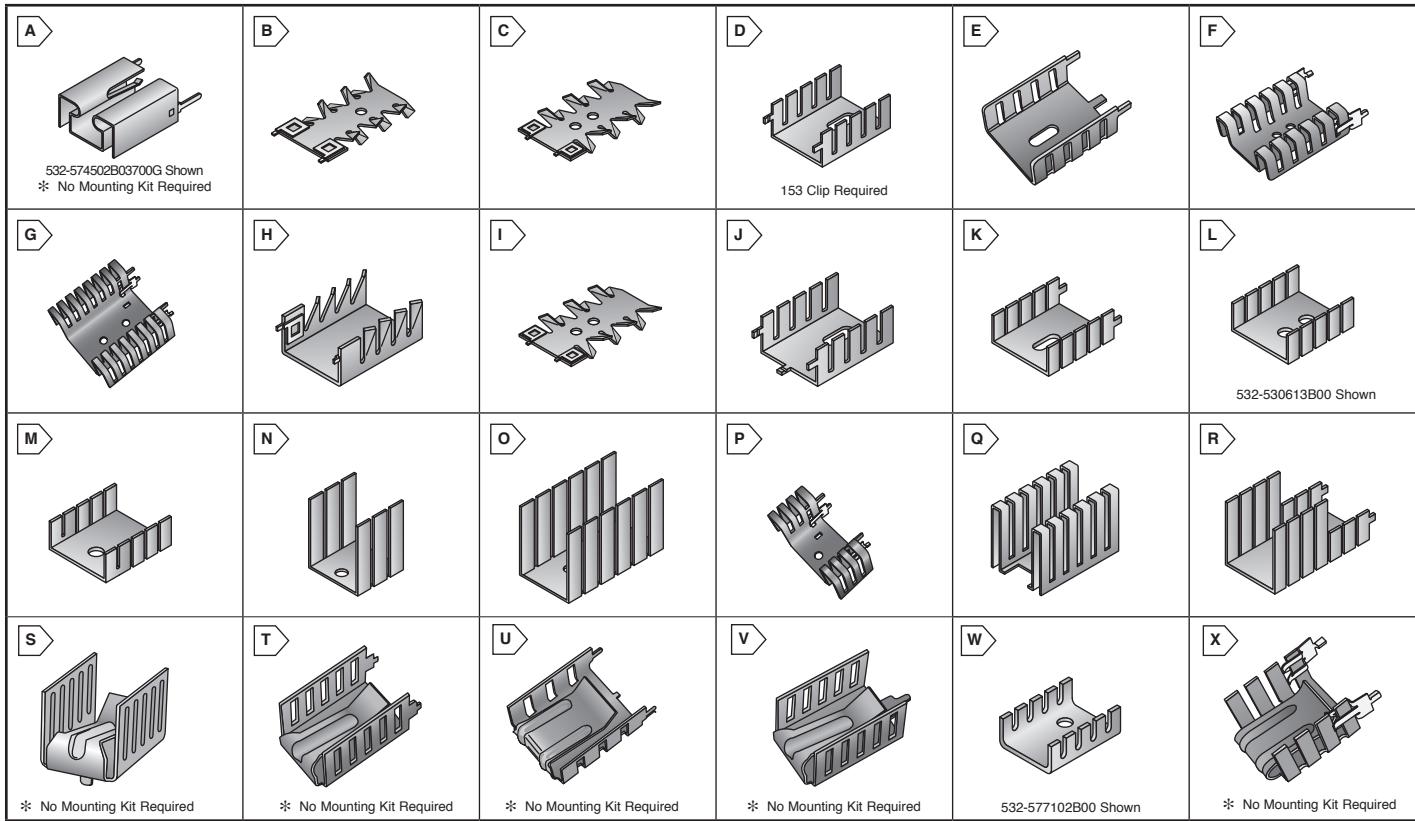


RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Aavid Thermalloy Part No.	Fig.	Description			Orientation	Finish	Board Mounting Type	Heatsink to Device Mounting	Ther Res (C/W)	Dimensions: In. (LxWxH)		Price Each			
			1	10												
532-531002B00*	531002B00000G	C	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	No Pins	Mounting Kit	13.4	1.38x0.50x1.00							
532-531002B25G	531002B02500G	C	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	Solder Pins	Mounting Kit	13.4	1.38x0.50x1.00							
532-531102B00	531102B00000G	C	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	No Pins	Mounting Kit	10.4	1.38x0.50x1.50							
532-531102B25G	531102B02500G	C	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	Solder Pins	Mounting Kit	10.4	1.38x0.50x1.50							
532-531202B00*	531202B00000G	C	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	No Pins	Mounting Kit	7.5	1.38x0.50x2.00							
532-531202B25G	531202B02500G	C	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	Solder Pins	Mounting Kit	7.5	1.38x0.50x2.00							
532-531302B25*	531302B02500G	C	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	Solder Pins	Mounting Kit	8.0	1.38x0.50x2.50							
532-529802B25G	529802B02500G	D	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	Solder Pins	Mounting Kit	3.7	1.65x1.00x1.50							
532-529902B25G	529902B02500G	D	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	Solder Pins	Mounting Kit	4.5	1.65x1.00x2.00							
532-513002B25G	513002B02500G	E	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	Solder Pins	Mounting Kit	13.4	1.38x0.50x1.00							
532-513102B25	513102B02500G	E	Extrud. w/radial fins, equal chan. widths front/back	Vertical	Blk anodize	Solder Pins	Mounting Kit	11.0	1.38x0.50x1.50							
532-581002B02500G	581002B02500G	F	Extruded, flat back, with straight fins	Vertical	Blk anodize	Solder Pins	Mounting Kit	17.4	0.64x0.64x1.00							
532-581202B25G	581202B02500G	F	Extruded, flat back, with straight fins	Vertical	Blk anodize	Solder Pins	Mounting Kit	12.8	0.64x0.64x2.00							
532-507222B00†	507222B00000G	G	Hat section for dual device	Vertical	Blk anodize	Wave Sldr Mnts	150 Clip	7.0	1.47x1.75x0.38							
532-507002B00	507002B00000G	H	Hat section, wide	Horizontal	Blk anodize	No Tabs	Mounting Kit	15.6	0.70x1.75x0.38							
532-507102B00	507102B00000G	I	Hat section with cut out	Horizontal	Blk anodize	No Tabs	Mounting Kit	15.6	0.70x1.75x0.38							
532-6237B	6237BG	J	Hat section, clip on	Hz. or Vert.	Blk anodize	No Tabs	Kit Not Required	25.0	0.90x0.38x0.70							
532-572802B000G††	572802B00000G	K	Plug in style w/4 spring action clips	Vertical	Blk anodize	Solder Tabs	Kit Not Required	27.3	0.75x0.57x0.50							
532-572802B39G††	572802B03900G	K	Plug in style w/4 spring action clips	Vertical	Blk anodize	Solder Tabs	Kit Not Required	27.3	0.75x0.57x0.50							
532-572802B40G††	572802B04000G	K	Plug in style w/4 spring action clips	Vertical	Blk anodize	Solder Tabs	Kit Not Required	27.3	0.75x0.57x0.50							
532-572802B41G††	572802B04100G	K	Plug in style w/4 spring action clips	Vertical	Blk anodize	Solder Tabs	Kit Not Required	27.3	0.75x0.57x0.50							
532-576802B00	576802B00000G	K	Plug in style w/4 spring action clips	Horizontal	Blk anodize	No Tabs	Kit Not Required	27.3	0.75x0.50x0.52							
532-576802B31G	576802B03100G	K	Plug in style w/4 spring action clips, single tab	Horizontal	Blk anodize	Solder Tabs	Kit Not Required	27.3	0.75x0.50x0.52							
532-576802B39G	576802B03900G	K	Plug in style w/4 spring action clips, single tab	Vertical	Blk anodize	Solder Tabs	Kit Not Required	27.3	0.75x0.50x0.52							
532-576802B4000G	576802B04000G	K	Plug in style w/4 spring action clips, single tab	Vertical	Blk anodize	Solder Tabs	Kit Not Required	27.3	0.75x0.50x0.52							
532-569022B000G	569022B00000G	L	High power, square base, folded back fins	Horizontal	Blk anodize	No Tabs	Mounting Kit	5.5	1.83x1.83x1.31							
532-575102B00	575102B00000G	M	Snap down with 2 side fins	Hz. or Vert.	Blk anodize	No Tabs	Kit Not Required	16.8	1.12x0.43x0.75							
532-579302B00	579302B00000G	N	Snap down with built in clip	Hz. or Vert.	Blk anodize	No Tabs	Kit Not Required	16.8	0.98x0.44x0.75							
532-579402B00	579402B00000G	N	Snap down with built in clip for beveled device	Hz. or Vert.	Blk anodize	No Tabs	Kit Not Required	16.8	0.98x0.44x0.75							

AAVID THERMALLOY Heat Sinks



FOR TO-220 CASE STYLES

*Mounting kit is required for heat sink to device mounting, unless otherwise noted.

MOUSER STOCK NO.	Aavid Thermalloy Part No.	Fig.	Description	Orientation	Finish	Board Mounting Type	Ther Res (°C/W)	Dimensions (in.) LxWxH		For quantities greater than listed, call for quote.	
								1	10		
532-574102B00	574102B00000G	A	Low cost slide on with spring action	Vertical	Black anodized	No Tabs	23.2	0.86x0.40x0.75			
532-574402B0200G	574402B0200G	A	Low cost slide on with spring action	Vertical	Black anodized	Solder Tabs	19.3	0.75x0.86x0.40			
532-574502B00	574502B00000G	A	Low cost slide on with spring action	Vertical	Black anodized	No Tabs	21.2	0.86x0.40x0.75			
532-574502B03700G	574502B03700G	A	Low cost slide on with spring action	Vertical	Black anodized	Solder Tabs	21.2	0.86x0.40x0.75			
532-542502B00000	542502B00000G	B	Space saving staggered fin	Vertical	Black anodized	No Tabs	24.0	0.88x0.25x1.25			
532-592502B34	592502B03400G	B	Space saving twisted fin	Vertical	Black anodized	Solder Tabs	22.0	0.88x0.25x1.25			
532-534302B35	534302B03553	C	Space saving staggered fin with integrated tabs	Vertical	Black anodized	Solder Tabs	10.4	1.38x0.48x2.00			
532-523002B800	523002B00000G	D	Channel style heat sink with integrated tabs	Vertical	Black anodized	Twist Tabs	13.6	0.50x1.00x1.18			
532-6030B-TTG	6030B-TTG	E	Channel style straight fins with 3 integrated tabs	Vertical	Black anodized	Solder Tabs	12.5	1.00x0.50x1.18			
532-6030D-G	6030D-G	E	Channel style with straight fins with 3 integrated tabs	Vertical	Black paint	Solder Tabs	12.5	1.00x0.50x1.18			
532-7020B-MTG	7020B-MTG	F	Channel style with folded back fins, TO-220	Vertical	Black anodized	Solder Tabs	8.7	1.30x0.70x1.45			
532-7023B-MTG	7023B-MTG	G	Channel style with folded back fins, TO-220	Vertical	Black anodized	Solder Tabs	4.4	1.90x1.95x0.95			
532-593002B03400G	593002B03400G	H	Channel style with twisted fins	Vertical	Black anodized	Solder Tabs	13.4	1.00x0.50x1.18			
532-534202B34G	534202B0345G	H	Channel style, with device clip	Vertical	Black anodized	Solder Tabs	13.4	1.00x0.50x1.18			
532-593202B35G	593202B03500G	I	Space saving with twisted fins	Vertical	Black anodized	Solder Tabs	10.4	1.38x0.48x2.00			
532-576602B800	576602B00000G	J	Channel style with integrated tabs (3)	Vertical	Black anodized	Twist Tabs	16.6	1.00x0.50x0.95			
532-563002B800	563002B00000G	J	Channel style with integrated tabs	Vertical	Black anodized	Twist Tabs	13.0	1.00x0.50x1.18			
532-590302B0360G	590302B0360G	J	Hi perf. with 2 tinned tabs, recessed lower fins	Vertical	Black anodized	Solder Tabs	11.2	1.00x1.00x1.68			
532-575002B800	575002B00000G	K	Channel style with integrated tabs	Vertical	Black anodized	Twist Tabs	13.6	1.00x0.50x1.18			
532-576012B800	576012B00000G	L	Channel style with wide mounting surface	Hz. or Vert.	Black anodized	No Tabs	20.8	1.00x0.90x0.38			
532-530714B800	530714B00000G	L	Channel style with wide mounting surface	Horizontal	Black anodized	No Tabs	20.3	0.71x1.00x0.50			
532-530613B800	530613B00000G	M	Channel style with wide mounting surface	Horizontal	Black anodized	No Tabs	16.7	1.18x1.00x0.50			
532-530614B800	530614B00000G	M	Channel style with wide mounting surface	Horizontal	Black anodized	No Tabs	16.7	1.18x1.00x0.50			
532-507302B800	507302B00000G	M	Economy low profile channel style, narrow base	Horizontal	Black anodized	No Tabs	24.0	0.75x0.75x0.38			
532-504102B800	504102B00000G	N	Economy, narrow channel style	Vertical	Black anodized	No Tabs	15.6	0.78x0.70x0.85			
532-577002B840G	577002B04000G	N	Slim, low cost channel style	Vertical	Black anodized	Solder Tabs	32.0	0.75x0.52x0.25			
532-504222B800	504222B00000G	O	Economy, narrow channel style, TO-220, Dual	Horizontal	Black anodized	No Tabs	6.4	1.45x0.70x0.85			
532-7025B-MTG	7025B-MTG	P	Hi perf. chan. style with fold back fins, TO-220	Vertical	Black anodized	Solder Tabs	6.8	1.90x0.95x1.13			
532-551002B800G	551002B00000G	Q	High performance channel style with fold back fins	Hz. or Vert.	Black anodized	No Tabs	12.4	1.01x0.79x1.45			
532-590102B36G	590102B03600G	R	Hi perf. with 2 tinned tabs, recessed lower fins	Vertical	Black anodized	Solder Tabs	10.0	1.00x1.00x1.68			
532-7139DG	7139DG	S	Copper channel slide on integrated tabs	Horizontal	Matte tin plated	Solder Tabs	28.3	0.78x0.050x0.51			
532-7136DG	7136DG	T	Copper channel with integrated tabs	Vertical	Matte tin finish	Solder Tabs	19.7	.515x0.52x.848			
532-7128DG	7128DG	U	Copper channel style with integrated tabs	Vertical	Matte tin finish	Solder Tabs	19.2	.866x.375x1.18			
532-7141DG	7141DG	V	Copper narrow channel with integrated center tab	Vertical	Matte tin finish	Solder Tabs	20.3	0.52x0.52x0.84			
532-577002B800	577002B00000G	W	Slim, low cost channel style	Hz. or Vert.	Black anodized	No Tabs	32.0	0.75x0.52x0.25			
532-577102B800	577102B00000G	W	Slim, low cost channel style	Hz. or Vert.	Black anodized	No Tabs	25.9	0.75x0.52x0.38			
532-577102B04000G	577102B04000G	W	Slim, low cost channel style	Vertical	Black anodized	Solder Tabs	25.9	0.75x0.52x0.38			
532-577202B800	577202B00000G	W	Slim, low cost channel style	Hz. or Vert.	Black anodized	No Tabs	24.4	0.75x0.52x0.50			
532-577202B04000G	577202B04000G	W	Slim, low cost channel style	Vertical	Black anodized	Solder Tabs	24.4	0.75x0.52x0.50			
532-6238B-MTG	6238B-MTG	X	Channel with integral locking tab	Vertical	Black anodized	Solder Tabs	13.6	1.00x.610x1.16			

AAVID THERMALLOY Clips and Accessories



RoHS Compliant. This product is RoHS compliant.

AAVID
THERMALLOY

MAX CLIP® SYSTEM™

The Max Clip® System™ for power semiconductors is a high performance, low cost solution to eliminate mounting holes, screws, rivets, and thermal inefficiency. This quick, efficient attachment method saves on labor and hardware costs while increasing design flexibility.

Features:

- Reduces assembly cost and labor
- Optimizes thermal management
- Reduces overall thermal resistance
- Provides mounting for discrete power devices, with or without mounting holes
- Allows for easy movement or replacement of components
- Eliminates mounting hardware and tools

MOUSER STOCK NO.	Aavid Part No.	Fig.	Description	Dimensions: mm (in.)					Price Each		
				Length	Width	Thickness	Force (lbs.)	1	10	100	

Rail Mounted

532-MAXCLIP01G	MAX01NG	A	For TO-220, Max 220	14.7	10	0.5	4.9				
532-MAXCLIP03G	MAX03NG	B	For TO-220, TO-247, Max 247	14.7	15	0.5	10.1				
532-MAXCLIP03-HG	MAX03-HNG	B	For TO-247, Max 247, TO-247J	14.7	18	0.6	18				
532-MAXCLIP10G	MAX10NG	C	For TO-220, Max 220 Thin Components	19.7	12	0.6	9				
532-MAXCLIP09G	MAX09NG	D	For TO-220	10.1	10	0.5	10.1				
532-MAXCLIP01-HG	MAX01-HNG	D	For TO-220, Max 220	14.7	10	0.7	18				
532-MAXCLIP02G	MAX02NG	D	For TO-220, Max 220	14.7	12	0.5	7.9				
532-MAXCLIP02-HG	MAX02-HNG	D	For TO-220	10.1	10	0.5	13.5				
532-MAXCLIP04G	MAX04NG	E	For TO-247, Max 247, TO-247J	14.7	20	0.5	13.5				
532-MAXCLIP11G	MAX11NG	F	For TO-220, Max 220 Thin Components	24.7	12	0.6	9				
532-MAXCLIP12G	MAX12NG	F	For TO-92 Sensors	19.7	6	0.6	5.6				
532-MAXCLIP23G	MAX23NG	G	For TO-220, Max 220	14.7	18	0.6	22.5				
532-MAXCLIP16G	MAX16NG	H	For TO-247	10.5	17	0.5	10.1				

Screw On

532-MAXCLIP07G	MAX07NG	I	For TO-220, Max 220, Max 247	.87	12	0.5	11.2				
532-MAXCLIP08G	MAX08NG	J	For TO-218, TO-247, Max 247, TO-247J	.93	18	0.5	16.9				

Clip over Edge

532-CLP212G	CLP212G	K	For TO-220/Max220	18.9	10	0.5	4.7				
532-CLP212MG	CLP212MG	L	For TO-247/Max247	18.9	15	0.6	8.1				
532-CLP212SG	CLP212SG	M	For Sensors/Thin Components	10.0	7	0.5	4.5				
532-CLP212TG	CLP212TG	N	For TO-220/Max220	14.6	10	0.6	7.6				

INSULATING SHOULDER WASHERS

• 40% Glass-filled polyphenylene sulfide (PPS) • Chemically inert

MOUSER STOCK NO.	Aavid Part No.	Fig.	Description	Dimensions: in.					Price Each		
				A	B	C	D	E	Screw Size	1	10
532-7721-3PPS	7721-3PPSSG	O		.280	.125	.042	.112	.140	4		
532-7721-7PPS	7721-7PPSSG	O	TO-220 Mica Insulators	.215	.032	.040	.116	.139	4		
532-7721-8PPS	7721-8PPSSG	P	Aluminum Oxide Ceramic for TO-220	.245	.040	.040	.119	.140	4		

INSULATORS

- Mica insulators provide high maximum operating temperatures (550°C) and excellent electrical properties
- Aluminum oxide has unique thermal conductivity qualities and features low loss factors at high frequencies
- It has high compressive strengths, high volume resistivity, low thermal expansion and it resists radiation

MOUSER STOCK NO.	Aavid Part No.	Fig.	Description	Dimensions: in.					Price Each		
				A	B	C	D	E	1	10	100
532-56-77-11	56-77-11G	Q	TO-220 Mica Insulators	.745	.545	.212	.212	.120			
532-4170	4170G	Q	Aluminum Oxide Ceramic for TO-220	.760	.550	.188	.275	.145			
532-4180	4180G	Q	Aluminum Oxide Ceramic for TO-218, TO-247 and TO-3P	.915	.740	.275	.370	.156			

THERMALLY CONDUCTIVE INSULATORS

- Polyimide Plastic • Color-Amber
- Low Cost • Easily recognized and assembled on production line

MOUSER STOCK NO.	Aavid Part No.	Fig.	Description	Dimensions: in.					Price Each		
				A	B	C	D	E	1	10	100
532-43-77-9	43-77-9G	R	TO-220 Thermalfilm™	.725	.520	.170	.115				
532-53-77-4G	53-77-4G	R	TO-220 Thermalsil™ III	.750	.500	.187	.147				
532-53-77-4ACG	53-77-4ACG	R	TO-220 Thermalfilm™ III w/adhesive backing	.750	.500	.187	.147				
532-53-77-9	53-77-9G	R	TO-220 Thermalsil™ III	.750	.520	.170	.115				
532-53-77-9ACG	53-77-9ACG	R	TO-220 Thermalsil™ III w/adhesive backing	.750	.520	.170	.115				

MOUNTING PAD

MOUSER STOCK NO.	Aavid Part No.	Fig.	Description	Outside Dia in.	Thickness	Price Each		
						1	10	100
532-7717-5N	7717-5NG	S	Nylon, TO-5, 4 Leads	.350	0.125			

MOUNTING KITS

- Pre-packaged in heat-sealed plastic bags for use on assembly line

MOUSER STOCK NO.	Aavid Part No.	Description	Price Each				
			1	10	100		
532-4880M	4880MG	Mica Insulator Mounting Kit for TO-220: 1 Insulator Mica, 1 Shoulder Washer, 1 Flat Washer #4, 1 No. 4-40 UNC-2B Hex Nut, 1 No. 4-40, UNC-2A X 1/2 Long Phillips Pan Head Screw, 1 Lockwasher, No. 4					
532-4880	4880G	Thermalfilm™ Mounting Kit for TO-220: 1 Insulator Thermalfilm, 1 Shoulder Washer, 1 Flat Washer #4, 1 No. 4-40 UNC-2B Hex Nut, 1 No. 4-40 UNC-2A X 1/2 Long Phillips Pan Head Screw, 1 Lockwasher, No. 4					
532-4880SG	4880SG	Thermalsil™ III Mounting Kit for TO-220: 1 Insulator In Sil-8, 1 Shoulder Washer, 1 Flat Washer #4, 1 No. 4-40 UNC-2B Hex Nut, 1 No. 4-40 UNC-2A X 1/2 Long Phillips Pan Head Screw, 1 Lockwasher, No. 4					

THERMAL COMPOUNDS

- Shelf Life: indefinite if unopened (one year if opened)
- Shelf Life: 2 years from DOM

MOUSER STOCK NO.	Aavid Part No.	Description	Color	Dielectric Strength	Thermal Conductivity	Price Each		
						1	10	
532-249	249G	1oz. Thermal Joint Compound	Opaque White	300V/mil	.765Wm⁻¹C⁻¹			
532-250	250G	2oz. Thermal Joint Compound	Opaque White	300V/mil	.765Wm⁻¹C⁻¹			
532-251	251G	1lb. Thermal Joint Compound	Opaque White	300V/mil	.765Wm⁻¹C⁻¹			
* 532-100500F00	100500F00000G	5oz. Thermally Conductive Compound	White	250V/mil	.73 W(m-K)			

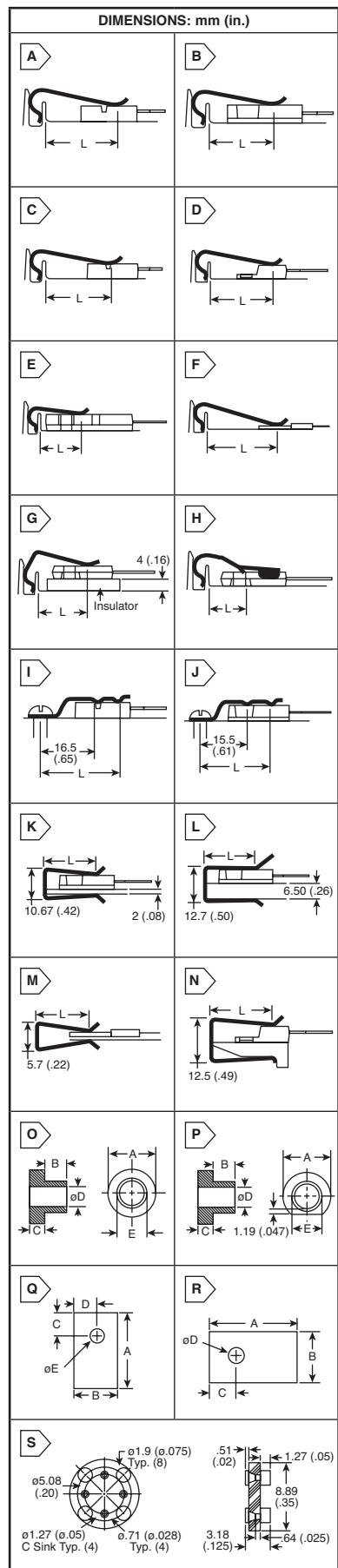
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1909



ADVANCED THERMAL SOLUTIONS Heat Sinks

RoHS Compliant

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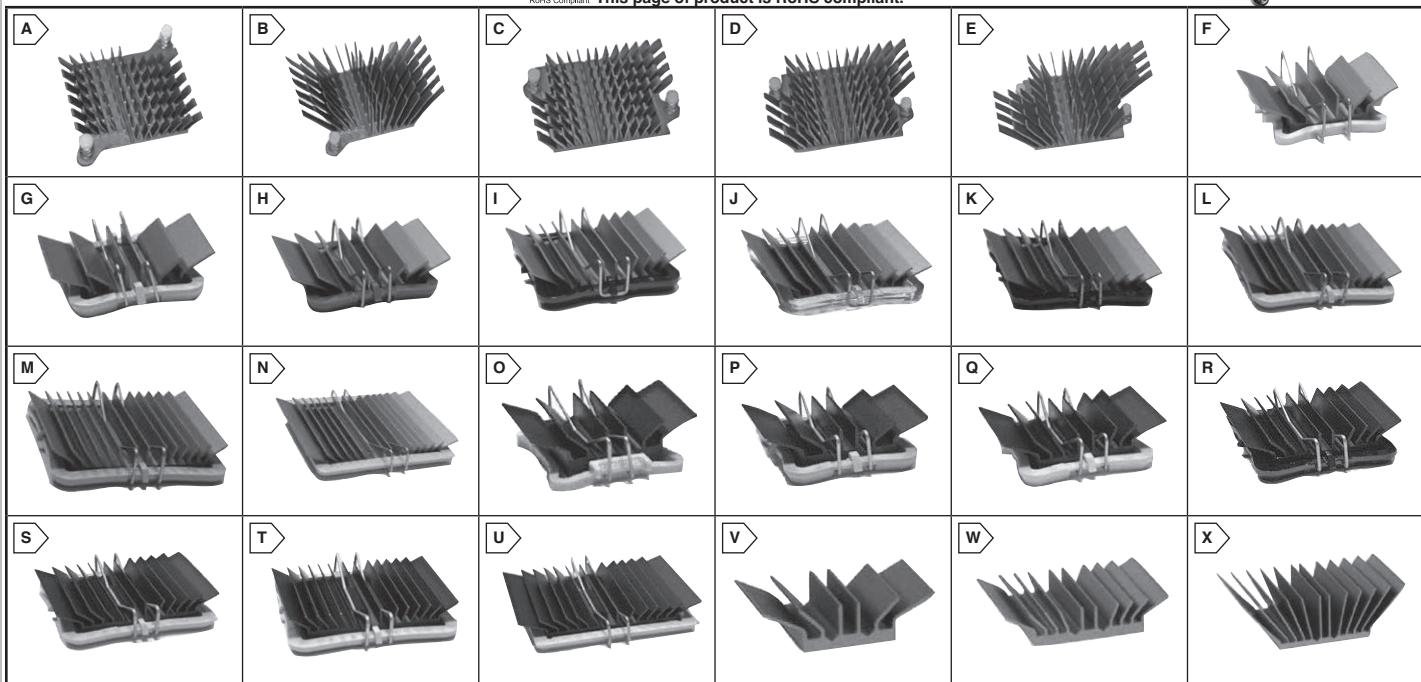
NEW SUPPLIER

NEW SUPPLIER

Advanced Thermal Solutions

Heat Sinks

NEW SUPPLIER



BGA HIGH PERFORMING HEAT SINKS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions: mm				Price Each		
Mfr.	Mfr. Part No.		L	W	H	Fin Tip	1	10	100
Push Pin: Green-Anodized Finish									
984—ATS-1038-C1-R0	A	40.00	38.00	10.00	47.10				
984—ATS-1038-C2-R0	A	40.00	38.00	10.00	47.10				
984—ATS-1038-C3-R0	A	40.00	38.00	10.00	47.10				
984—ATS-1040-C3-R0	B	40.00	38.00	25.00	64.80				
984—ATS-1041-C1-R0	C	41.00	45.00	10.00	57.34				
984—ATS-1041-C3-R0	C	41.00	45.00	10.00	57.34				
984—ATS-1042-C3-R0	D	41.00	45.00	15.00	66.22				
984—ATS-1043-C1-R0	E	41.00	45.00	25.00	78.75				
984—ATS-1043-C3-R0	E	41.00	45.00	25.00	78.75				
MaxiFLOW/MaxiGRIP - STD: Blue-Anodized Finish									
984—ATS-50170B-C1-R0	F	17.00	17.00	7.50	28.40				
984—ATS-50190B-C1-R0	G	19.00	19.00	7.50	31.50				
984—ATS-50230G-C1-R0	H	23.00	23.00	12.50	41.50				
984—ATS-50250B-C1-R0	I	25.00	25.00	7.50	36.40				
984—ATS-50250P-C1-R0	I	25.00	25.00	17.50	44.90				
984—ATS-50290B-C1-R0	J	29.00	29.00	7.50	42.40				
984—ATS-50290P-C1-R0	J	29.00	29.00	17.50	51.70				
984—ATS-50300P-C1-R0	K	30.00	30.00	17.50	53.30				
984—ATS-50310B-C1-R0	K	31.00	31.00	7.50	44.40				
984—ATS-50310G-C1-R0	K	31.00	31.00	12.50	54.90				
984—ATS-50310P-C1-R0	K	31.00	31.00	17.50	54.90				
984—ATS-50330G-C1-R0	L	33.00	33.00	12.50	58.20				
984—ATS-50330P-C1-R0	L	33.00	33.00	17.50	58.20				
984—ATS-50350B-C1-R0	M	35.00	35.00	7.50	44.90				
984—ATS-50350G-C1-R0	M	35.00	35.00	12.50	57.20				
984—ATS-50350P-C1-R0	M	35.00	35.00	17.50	61.30				
984—ATS-50375G-C1-R0	M	37.50	37.50	12.50	61.30				
984—ATS-50400P-C1-R0	M	40.00	40.00	17.50	69.10				
984—ATS-50450B-C1-R0	N	45.00	45.00	7.50	61.50				
984—ATS-50450P-C1-R0	N	45.00	45.00	17.50	76.50				
MaxiFLOW/MaxiGRIP: Low Profile, Black-Anodized Finish									
984—ATS-51170D-C1-R0	O	17.00	17.00	9.50	28.40				
984—ATS-51170K-C1-R0	O	17.00	17.00	14.50	31.90				
984—ATS-51190D-C1-R0	P	19.00	19.00	9.50	31.50				
984—ATS-51190R-C1-R0	P	19.00	19.00	19.50	34.70				
984—ATS-51210D-C1-R0	Q	21.00	21.00	9.50	34.60				
984—ATS-51210K-C1-R0	Q	21.00	21.00	14.50	38.20				
984—ATS-51210R-C1-R0	Q	21.00	21.00	19.50	38.20				
984—ATS-51230D-C1-R0	Q	23.00	23.00	9.50	37.50				
984—ATS-51230K-C1-R0	Q	23.00	23.00	14.50	41.50				
984—ATS-51230R-C1-R0	Q	23.00	23.00	19.50	41.50				
984—ATS-51250K-C1-R0	R	25.00	25.00	14.50	44.90				
984—ATS-51250R-C1-R0	R	25.00	25.00	19.50	44.90				
984—ATS-51270D-C1-R0	R	27.00	27.00	9.50	43.20				
984—ATS-51270K-C1-R0	R	27.00	27.00	14.50	48.30				

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MOUSER STOCK NO.		Fig.	Dimensions: mm				Price Each		
Mfr.	Mfr. Part No.		L	W	H	Fin Tip	1	10	100
MaxiFLOW/MaxiGRIP: Low Profile, Black-Anodized Finish (Cont.)									
984—ATS-51270R-C1-R0	R	27.00	27.00	19.50	48.40				
984—ATS-51290R-C1-R0	R	29.00	29.00	19.50	51.70				
984—ATS-51300K-C1-R0	R	30.00	30.00	14.50	53.30				
984—ATS-51310D-C1-R0	R	31.00	31.00	9.50	44.40				
984—ATS-51310R-C1-R0	R	31.00	31.00	19.50	54.90				
984—ATS-51330D-C1-R0	S	33.00	33.00	9.50	45.50				
984—ATS-51330R-C1-R0	S	33.00	33.00	19.50	58.20				
984—ATS-51350D-C1-R0	T	35.00	35.00	9.50	44.90				
984—ATS-51350K-C1-R0	T	35.00	35.00	14.50	57.20				
984—ATS-51350R-C1-R0	T	35.00	35.00	19.50	61.30				
984—ATS-51400D-C1-R0	T	40.00	40.00	9.50	56.50				
984—ATS-51425D-C1-R0	U	42.50	42.50	9.50	58.90				
984—ATS-51450R-C1-R0	U	45.00	45.00	19.50	76.50				
MaxiFLOW with Thermal Tape: Blue-Anodized Finish									
984—ATS-51210B-C1-R0	V	15.00	15.00	7.50	27.94				
984—ATS-51210G-C1-R0	V	15.00	15.00	12.50	30.56				
984—ATS-52170B-C1-R0	V	17.00	17.00	7.50	28.44				
984—ATS-52170G-C2-R0	V	17.00	17.00	12.50	31.94				
984—ATS-52170P-C2-R0	V	17.00	17.00	7.50	28.44				
984—ATS-52190B-C1-R0	V	19.00	19.00	7.50	31.54				
984—ATS-52190G-C1-R0	V	19.00	19.00	12.50	34.76				
984—ATS-52190P-C2-R0	V	19.00	19.00	17.50	34.74				
984—ATS-52210B-C1-R0	V	21.00	21.00	7.50	34.56				
984—ATS-52210P-C2-R0	V	21.00	21.00	17.50	38.16				
984—ATS-52230B-C2-R0	W	23.00	23.00	7.50	37.52				
984—ATS-52230G-C2-R0	W	23.00	23.00	12.50	41.54				
984—ATS-52230P-C1-R0	V	23.00	23.00	17.50	41.54				
984—ATS-52250B-C1-R0	V	25.00	25.00	7.50	36.38				
984—ATS-52250G-C1-R0	W	25.00	25.00	12.50	44.94				
984—ATS-52250P-C1-R0	X	25.00	25.00	17.50	44.92				
984—ATS-52270B-C2-R0	W	27.00	27.00	7.50	43.20				
984—ATS-52270G-C1-R0	X	27.00	27.00	12.50	48.34				
984—ATS-52270P-C1-R0	X	27.00	27.00	17.50	48.36				
984—ATS-52290P-C1-R0	X	29.00	29.00	17.50	51.74				
984—ATS-52300B-C2-R0	W	30.00	30.00	12.50	43.24				
984—ATS-52300P-C2-R0	X	30.00	30.00	17.50	53.34				
984—ATS-52310B-C2-R0	W	31.00	31.00	7.50	44.42				
984—ATS-52310G-C2-R0	W	31.00	31.00	12.50	54.94				
984—ATS-52310P-C2-R0	X	31.00	31.00	17.50	54.94				
984—ATS-52325P-C2-R0	X	32.50	32.50	17.50	57.44				
984—ATS-52330B-C2-R0	W	33.00	33.00	7.50	45.50				
984—ATS-52330P-C2-R0	X	33.00	33.00	17.50	58.16				
984—ATS-52350B-C1-R0	W	35.00	35.00	7.50	44.94				
984—ATS-52350P-C1-R0	X	35.00	35.00	17.50	61.34				
984—ATS-52375P-C1-R0	X	37.50	37.50	17.50	65.24				

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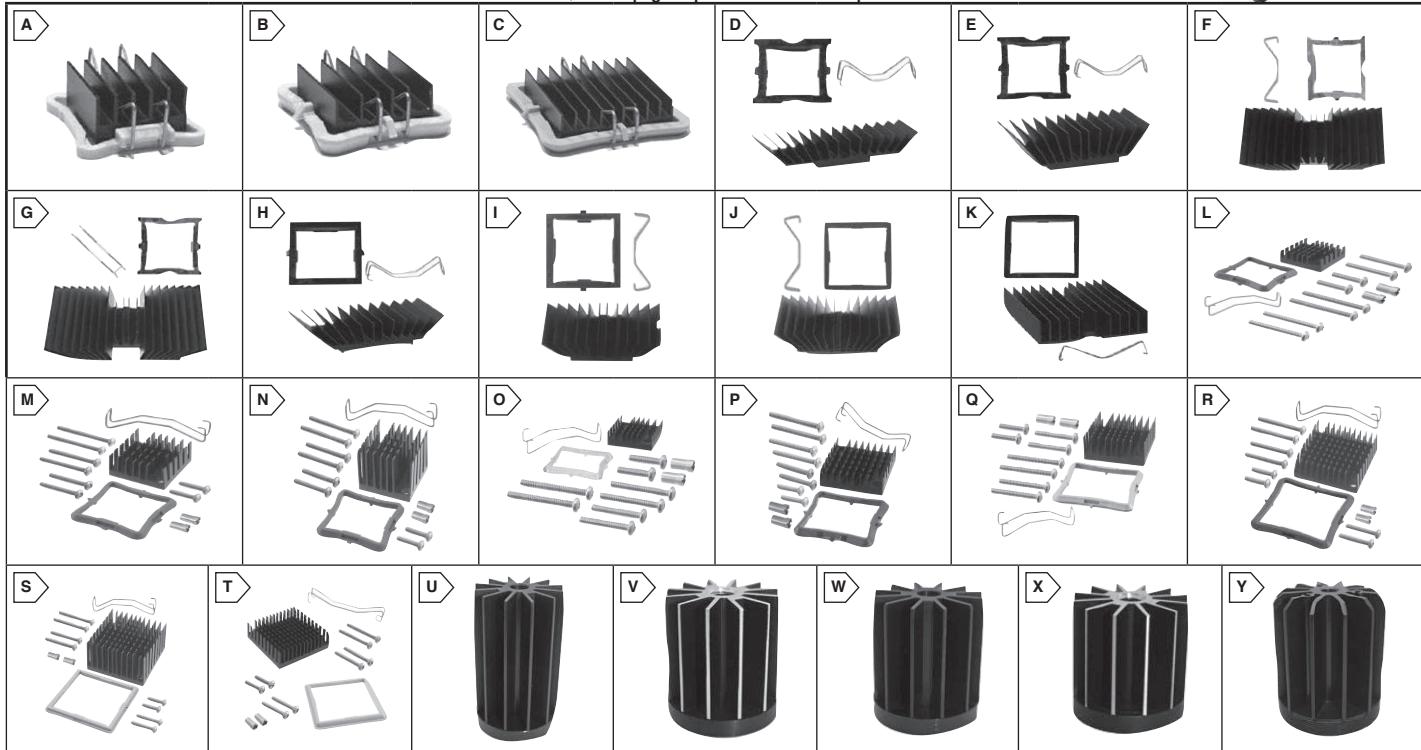
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ADVANCED THERMAL SOLUTIONS Heat Sinks

 This page of product is RoHS compliant.



BGA HIGH PERFORMING HEAT SINKS

ATS FANSINK™ HEAT SINKS WITH MAXIGRIP ATTACHMENT (CONT.)

• with Maxigrip attachment

MOUSER STOCK NO.		Fig.	Dimensions: mm			Price Each		
Mfr.	Mfr. Part No.		L	W	H	Fin Tip	1	10

BGA Straight Fin Heatsinks: Black-Anodized

984—ATS-53170D-C1-R0	A	17.00	17.00	9.50	-				
984—ATS-53190D-C1-R0	B	19.00	19.00	9.50	-				
984—ATS-53210R-C1-R0	B	21.00	21.00	19.50	-				
984—ATS-53230D-C1-R0	B	23.00	23.00	9.50	-				
984—ATS-53230K-C1-R0	B	23.00	23.00	14.50	-				
984—ATS-53250D-C1-R0	B	25.00	25.00	9.50	-				
984—ATS-53270D-C1-R0	B	27.00	27.00	9.50	-				
984—ATS-53270K-C1-R0	B	27.00	27.00	14.50	-				
984—ATS-53270R-C1-R0	B	27.00	27.00	19.50	-				
984—ATS-53300K-C1-R0	B	30.00	30.00	14.50	-				
984—ATS-53300R-C1-R0	B	30.00	30.00	19.50	-				
984—ATS-53310K-C1-R0	B	31.00	31.00	14.50	-				
984—ATS-53330R-C1-R0	C	33.00	33.00	19.50	-				
984—ATS-53350D-C1-R0	C	35.00	35.00	9.50	-				
984—ATS-53350K-C1-R0	C	35.00	35.00	14.50	-				
984—ATS-53350R-C1-R0	C	35.00	35.00	19.50	-				
984—ATS-53375R-C1-R0	C	37.50	37.50	19.50	-				
984—ATS-53400R-C1-R0	C	40.00	40.00	19.50	-				

Device Specific Freescale: Black-Anodized

984—ATS-59000-C1-R0	D	45.00	21.00	9.00	59				
984—ATS-59001-C1-R0	D	45.00	21.00	11.00	59				
984—ATS-59002-C1-R0	E	32.00	25.00	13.00	46.5				
984—ATS-59003-C1-R0	F	50.00	32.00	12.00	71.3				
984—ATS-59004-C1-R0	G	55.00	43.00	12.00	80.2				
984—ATS-59005-C1-R0	H	37.00	29.00	10.00	54				
984—ATS-59006-C1-R0	I	37.00	29.00	11.00	54				
984—ATS-59007-C1-R0	J	46.00	35.00	16.00	68.6				
984—ATS-59008-C1-R0	J	46.00	35.00	16.00	57.82				
984—ATS-59009-C1-R0	K	62.00	52.00	13.00	52				

ATS FANSINK™ HEAT SINKS WITH MAXIGRIP ATTACHMENT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions: mm			Finish	Price Each		
Mfr.	Mfr. Part No.		L	W	H		1	10	50
984—ATS-61270D-C1-R0	L	27.00	27.00	9.50	Black-Anod				
984—ATS-61270K-C1-R0	M	27.00	27.00	14.50	Black-Anod				
984—ATS-61270W-C1-R0	N	27.00	27.00	24.50	Black-Anod				
984—ATS-61290D-C1-R0	O	29.00	29.00	9.50	Black-Anod				
984—ATS-61310D-C1-R0	P	31.00	31.00	9.50	Black-Anod				
984—ATS-61350D-C1-R0	Q	35.00	35.00	9.50	Black-Anod				
984—ATS-61350K-C1-R0	Q	35.00	35.00	14.50	Black-Anod				

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NEW SUPPLIER

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Advanced Thermal Solutions

Heat Sinks

NEW SUPPLIER

ROUND/STAR SHAPED LED HEAT SINKS

For quantities greater than listed, call for quote.

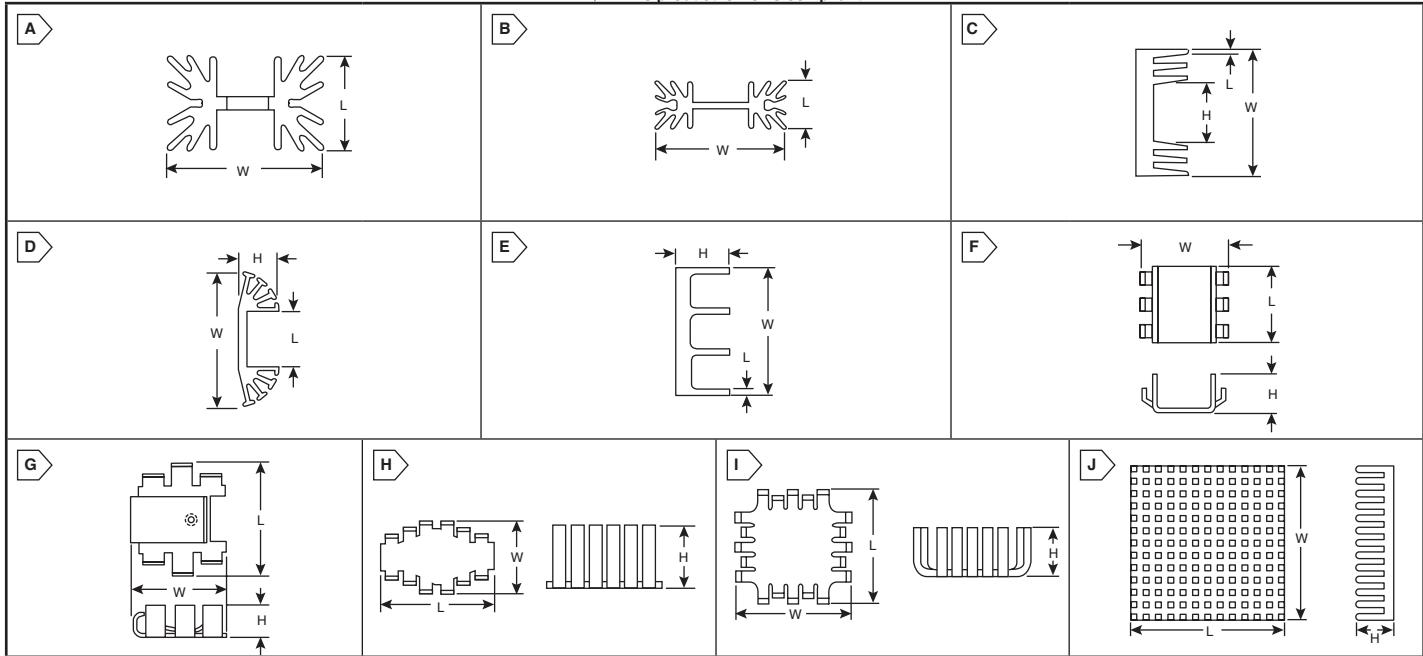
MOUSER STOCK NO.		Fig.	Dimensions: mm		Finish	Price Each		
Mfr.	Mfr. Part No.		Length	Dia.		1	10	50
984—ATSEU-077A2-C1R1	U	75	45	Black				
984—ATSEU-077A2-C2R0	U	75	45	Black				
984—ATSEU-077A2-C3R0	U	68	45	Black				
984—ATSEU-077A2-C4R0	U	75	45	Black w/Silver Tip				
984—ATSEU-077A2-C5R0	U	68	45	Black w/Silver Tip				
984—ATSEU-077B-C1R0	V	50	45	Black				
984—ATSEU-077B-C2R0	V	50	45	Black				
984—ATSEU-077B-C3R0	V	50	45	Black w/Silver Tip				
984—ATSEU-077B-C4R0	V	50	45	Black w/Silver Tip				
984—ATSEU-077B-C5R0	V	43	45	Black				
984—ATSEU-077B-C6R0	V	43	45	Black w/Silver Tip				
984—ATSEU-077C-C1R0	W	25	45	Black				
984—ATSEU-077C-C2R0	W	25	45	Black				
984—ATSEU-077C-C3R0	W	25	45	Black w/Silver Tip				
984—ATSEU-077C-C4R0	W	25	45	Black w/Silver Tip				
984—ATSEU-077C-C5R0	W	18	45	Black				
984—ATSEU-077C-C6R0	W	18	45	Black w/Silver Tip				
984—ATSEU-077D-C1R0	X	45	45	Black				
984—ATSEU-077D-C2R0	X	45	45	Black				
984—ATSEU-077D-C3R0	X	45	45	Black w/Silver Tip				
984—ATSEU-077D-C4R0	X	38	45	Black w/Silver Tip				
984—ATSEU-077D-C5R0	X	38	45	Black				
984—ATSEU-077D-C6R0	X	38	45	Black w/Silver Tip				
984—ATSEU-109-C1R0	Y	70	60	Black				
984—ATSEU-109-C2R0	Y	70	60	Black				
984—ATSEU-110-C1R0	Y	95	100	Black				
984—ATSEU-110-C2R0	Y	95	100	Black				

1911

CTS Heat Sinks

 This product is RoHS compliant.

CTS



CTS HEAT SINKS

7 Series



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CTS Part No.	Fig.	Dimensions: in.			Natural Convection	Price Each		
			L	W	H		1	10	50
774-73394PPBA	73394PPBA	A	1	1.65	2.5	5.7			
774-73381PPBA	73381PPBA	B	.5	1.38	1.5	12.7			
774-73401PPBA	73401PPBA	C	.75	1.15	.46	15			
774-73403PPBA	73403PPBA	C	.75	1.15	.46	15			
774-73452PPBA	73452PPBA	D	1.5	2	.553	4.7			
774-73451PPBA	73451PPBA	D	.75	2	.553	9			
774-73422PPBA	73422PPBA	E	1.5	1.62	.69	5			
774-7361BA	7361BA	F	.71	.8	.5	30			

Features:

- Permits high power levels or lower operating temperatures while occupying a minimum of valuable board space
- Allows back-to-back dual mounting for thermal matching applications
- Bendable tabs simplify installation to the circuit board—no mounting hardware or special tool required
- Each dissipator is optimally designed for maximum effective surface area in a minimum working envelope



RoHS Compliant

For quantities greater than listed, call for quote.

PSC2 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CTS Part No.	Fig.	Dimensions: in.			Natural Convection	Price Each		
			L	W	H		1	10	50
774-PSC22CB	PSC22CB	G	1	81	.31	41.7			

LA Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CTS Part No.	Fig.	Dimensions: in.			Natural Convection	Price Each		
			L	W	H		1	10	50
774-LAE66A3CB	LAE66A3CB	H	1.31	.9	.75	17			

UP Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CTS Part No.	Fig.	Dimensions: in.			Natural Convection	Price Each		
			L	W	H		1	10	50
774-UPT03CB	UPT03CB	I	1.78	1.78	.5	8.2			

BDN Series



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CTS Part No.	Fig.	Dimensions: in.			Natural Convection	Price Each		
			L	W	H		1	10	100
774-BDN093CBA01	BDN093CBA01	J	.91	.91	.355	.09			
774-BDN103CBA01	BDN103CBA01	J	1.01	1.01	.355	.09			
774-BDN113CBA01	BDN113CBA01	J	1.11	1.11	.355	.09			
774-BDN125CBA01	BDN125CBA01	J	1.21	1.21	.555	.1			
774-BDN133CBA01	BDN133CBA01	J	1.31	1.31	.355	.09			
774-BDN143CBA01	BDN143CBA01	J	1.41	1.41	.355	.09			
774-BDN153CBA01	BDN153CBA01	J	1.51	1.51	.355	.09			
774-BDN163CBA01	BDN163CBA01	J	1.61	1.61	.355	.09			
774-BDN183CBA01	BDN183CBA01	J	1.81	1.81	.355	.09			
774-BDN186CBA01	BDN186CBA01	J	1.81	1.81	.605	.1			

OHMITE Heatsinks

OHMITE

C SERIES HEATSINKS

This series offers high performance, low cost and is a compact heat sink with an integrated camming clip system. This powerful heat sink provides tool and fixture free assembly operation, largest surface areas and smallest space occupation. The Ohmite C Series Heatsinks are the ideal type of heat sink for high power density and small size. (1U or 2U) electronic packaging with forced convection cooling, such as semiconductors and resistors.

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Package Type	Surface Area (in ² /mm ²)	Finish	Length (mm)	Price Each			
							1	5	10	50
588-C247-025-1VE	C247-025-1VE	A	TO-247	11/7,312	No Finish (Degreased)	25				
588-C247-025-1AE	C247-025-1AE	A	TO-247	11/7,312	Black Anodized	25				
588-C247-050-2VE	C247-050-2VE	A	TO-247	23/14,858	No Finish (Degreased)	50				
588-C247-050-2AE	C247-050-2AE	A	TO-247	23/14,858	Black Anodized	50				
588-C247-075-3VE	C247-075-3VE	A	TO-247	34/21,655	No Finish (Degreased)	75				
588-C247-075-3AE	C247-075-3AE	A	TO-247	34/21,655	Black Anodized	75				
588-C220-025-1VE	C220-025-1VE	A	TO-220	13/8,774	No Finish (Degreased)	25				
588-C220-025-1AE	C220-025-1AE	A	TO-220	13/8,774	Black Anodized	25				
588-C220-050-2VE	C220-050-2VE	A	TO-220	25/16,963	No Finish (Degreased)	50				
588-C220-050-2AE	C220-050-2AE	A	TO-220	25/16,963	Black Anodized	50				
588-C220-075-3VE	C220-075-3VE	A	TO-220	37/24,861	No Finish (Degreased)	75				
588-C220-075-3AE	C220-075-3AE	A	TO-220	37/24,861	Black Anodized	75				
588-C264-030-1VE	C264-030-1VE	A	TO-264	11/7,312	No Finish (Degreased)	30				
588-C264-030-1AE	C264-030-1AE	A	TO-264	11/7,312	Black Anodized	30				
588-C264-058-2VE	C264-058-2VE	A	TO-264	23/14,858	No Finish (Degreased)	58				
588-C264-058-2AE	C264-058-2AE	A	TO-264	23/14,858	Black Anodized	58				
588-C264-085-3VE	C264-085-3VE	A	TO-264	34/21,655	No Finish (Degreased)	85				
588-C264-085-3AE	C264-085-3AE	A	TO-264	34/21,655	Black Anodized	85				
588-C126-025-1VE	C126-025-1VE	B	TO-126	10,26,559	No Finish (Degreased)	25				
588-C126-025-1AE	C126-025-1AE	B	TO-126	10,26,559	Black Anodized	25				
588-C126-040-2VE	C126-040-2VE	B	TO-126	16,3/10,495	No Finish (Degreased)	40				
588-C126-040-2AE	C126-040-2AE	B	TO-126	30,6/21,655	Black Anodized	40				

CP SERIES HEATSINKS

Ohmite CP4 Series Heat Sinks are designed for Ohmite heatsinkable type resistors, such as TAP600, TAP800, TA1K0, TA2K0, and various SOT-227 resistor packages. The CP series also provides maximum heat removal for SCRs, rectifiers, diodes, thyristors, and other high-power semiconductor devices. Ohmite CP4 Series Heat Sinks are customizable to fit multiple applications. Length and mounting hole patterns can be specified.

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Package Type	Surface Area (in ² /mm ²)	Finish	Length (mm)	Price Each			
							1	5	10	50
588-CP4-114A	CP4-114A	C	SO-227	19.13/12339	No Finish (Aluminum)	114.3				
588-CP4-114B	CP4-114B	C	SO-227	19.13/12339	No Finish (Aluminum)	114.3				
588-CP4-114C	CP4-114C	C	SO-227	19.13/12339	No Finish (Aluminum)	114.3				

D SERIES HEATSINKS

Ohmite D Series Heatsinks provide an innovative solution for SMT compatible semiconductors and resistors. The unique design (Patent Pending) combines tin plated, solderable rods with an aluminum extruded heat sink body. These rods (or "rollers") are mated mechanically to the heatsink by forging to reduce the thermal resistance between the heatsink body and the solder feet.

Bulk

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Package Type	Finish	Price Each			
					1	25	100	250
588-DV-T263-101E	DV-T263-101E	D	TO-263	No Finish (Degreased)				
588-DA-T263-101E	DA-T263-101E	D	TO-263	Black Anodized				
588-DA-T268-101E	DA-T268-101E	D	TO-268	Black Anodized				

Reel of 250

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Package Type	Finish	Price Each			
					250	500	1250	
588-DA-T263-101E-TR	DA-T263-101E-TR	D	TO-263	Black Anodized				
588-DA-T268-101E-TR	DA-T268-101E-TR	D	TO-268	Black Anodized				

E SERIES HEATSINKS

Ohmite E Series Heatsinks features vertical through-hole PCB mounting with three 0.142 in. diameter mounting holes. Available in heights of 1.5", 2.0", and 2.5", the heatsinks are aluminum 6063-T5 or equivalent and solder feet are tin plated brass.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Package Type	Finish	Height (in./mm)	Price Each			
						1	10	100	250
588-EV-T220-38E	EV-T220-38E	E	TO-220	No Finish (Degreased)	1.5/38.10				
588-EA-T220-38E	EA-T220-38E	E	TO-220	Black Anodized	1.5/38.10				
588-EV-T220-51E	EV-T220-51E	E	TO-220	No Finish (Degreased)	2.0/50.80				
588-EA-T220-51E	EA-T220-51E	E	TO-220	Black Anodized	2.0/50.80				
588-EV-T220-64E	EV-T220-64E	E	TO-220	No Finish (Degreased)	2.5/63.50				
588-EA-T220-64E	EA-T220-64E	E	TO-220	Black Anodized	2.5/63.50				

F SERIES HEATSINKS

Ohmite F Series Heatsinks are vertical mountable with solderable pins and are composed of 6063-T5 aluminum.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Package Type	Finish	Height (mm)	Price Each			
						1	10	100	250
588-FA-T220-25E	FA-T220-25E	F	TO-220	Black Anodized	25.4				
588-FA-T220-38E	FA-T220-38E	F	TO-220	Black Anodized	38.1				
588-FA-T220-51E	FA-T220-51E	F	TO-220	Black Anodized	50.8				
588-FA-T220-64E	FA-T220-64E	F	TO-220	Black Anodized	63.5				

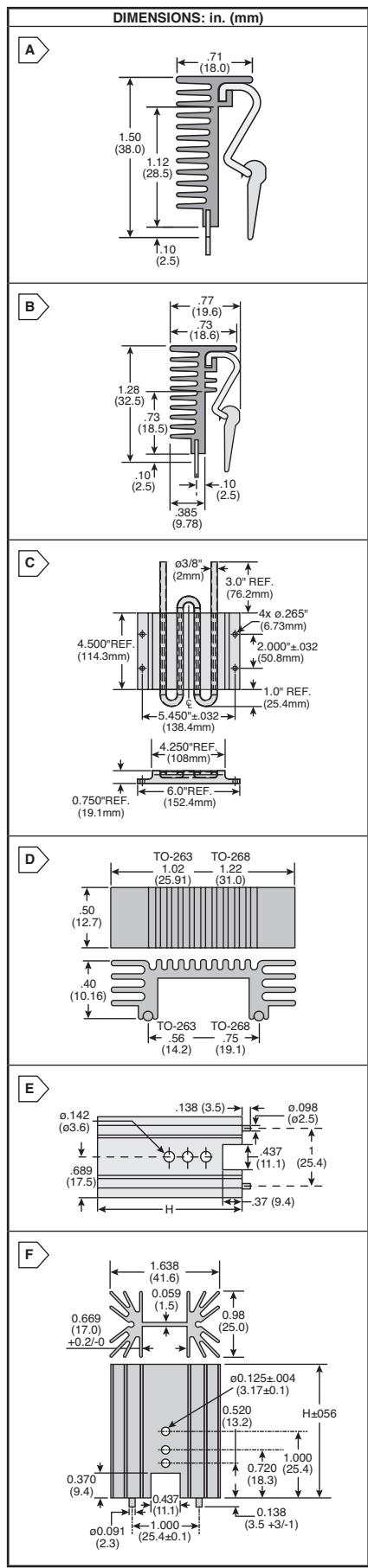
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Heat Sinks

OHMITE Heatsinks

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M SERIES HEATSINKS

Ohmite M Series Heatsinks are patented (Pat. No. 7,151,669), high performance, low cost, configurable, scalable and compact heat sinks with matrix clip system. These powerful heat sinks provide the easiest assembly, largest surface area and smallest footprint. It is the ideal type of heat sink for high power density and small size (1U or 2U) electronic packaging with forced convection cooling.

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Thermal Resistance (°C/W)	Surface Area (in²/mm²)	Finish	Price Each			
						1	10	100	250
Package Type: TO-247, TO-264									
588-MV-102-55E	MV-102-55E	A	6.0	45/20,097	No Finish (Degreased)				
588-MA-102-55E	MA-102-55E	A	5.2	45/20,097	Black Anodized				
588-MV-101-27E	MV-101-27E	A	9.6	22/14,284	No Finish (Degreased)				
588-MA-101-27E	MA-101-27E	A	8.0	22/14,284	Black Anodized				
588-MV-302-55E	MV-302-55E	B	3.6	76/49,218	No Finish (Degreased)				
588-MA-302-55E	MA-302-55E	B	3.0	76/49,218	Black Anodized				
588-MV-301-27E	MV-301-27E	B	5.5	37.3/24,161	No Finish (Degreased)				
588-MA-301-27E	MA-301-27E	B	4.6	37.3/24,161	Black Anodized				

R SERIES HEATSINKS

R Series Heatsinks are vertical mountable with solderable pins and are composed of 6063-T5 aluminum.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Package Type	Height (mm)	Finish	Price Each			
						1	10	100	250
588-RA-T2X-25E	RA-T2X-25E	C	TO-220, TO-218, TO-247	25.4	Black Anodized				
588-RA-T2X-38E	RA-T2X-38E	C	TO-220, TO-218, TO-247	38.1	Black Anodized				
588-RA-T2X-51E	RA-T2X-51E	C	TO-220, TO-218, TO-247	50.8	Black Anodized				
588-RA-T2X-64E	RA-T2X-64E	C	TO-220, TO-218, TO-247	63.5	Black Anodized				

R2 SERIES HEATSINKS

Ohmite's R2 Series (patent pending) heatsink provides a large surface area along with our C Series clipping mechanism to attach either a TO-220 or TO-247 package. The self-aligning features of the clip assure secure attachment and enhanced thermal performance. Because no screws are required for device mounting, additional fins can be added to the rear side of the heatsink for increased total surface area in a more compact space.

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Package Type	Thermal Resistance (°C/W)	Finish	Price Each			
						1	5	10	50
588-RV-CT2-38E	R2V-CT2-38E	D	TO-220	9.8	No Finish (Degreased)				
588-R2A-CT2-38E	R2A-CT2-38E	D	TO-220	8.6	Black Anodized				
588-R2V-CT4-38E	R2V-CT4-38E	D	TO-247	9.8	No Finish (Degreased)				
588-R2A-CT4-38E	R2A-CT4-38E	D	TO-247	8.6	Black Anodized				
588-R2V-CT6-38E	R2V-CT6-38E	D	TO-264	9.8	No Finish (Degreased)				
588-R2A-CT6-38E	R2A-CT6-38E	D	TO-264	8.6	Black Anodized				

S SERIES LED HEATSINKS

Ohmite S Series LED Heatsinks are low cost and easy assembly heat sinks for "Star" LED packages supplied by OSRAM and others. This simple heat sink can hold LED modules and can be mounted simply with some thread forming screws. They have two types of surface finish and can be used in either natural (free) or forced convection cooling applications.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Surface Area (in²/mm²)	Height (in/mm)	Thermal Resistance (°C/W)	Price Each			
						Free Conv.	Forced Conv.	1	10
588-SV-LED-113E	SV-LED-113E	E	18/11,739	0.50/12.7	6.67	4.33			
588-SA-LED-113E	SA-LED-113E	E	18/11,739	0.50/12.7	5.33	4.33			
588-SV-LED-125E	SV-LED-125E	E	36/23,478	1.00/25.4	5.33	2.88			
588-SA-LED-125E	SA-LED-125E	E	36/23,478	1.00/25.4	4.27	2.88			
588-SV-LED-151E	SV-LED-151E	E	72/46,956	2.00/50.8	4.00	1.89			
588-SA-LED-151E	SA-LED-151E	E	72/46,956	2.00/50.8	3.20	1.89			
588-SV-LED-176E	SV-LED-176E	E	108/70,434	3.00/76.2	3.11	1.55			
588-SA-LED-176E	SA-LED-176E	E	108/70,434	3.00/76.2	2.49	1.55			

W SERIES HEATSINKS

Ohmite W Series Heatsinks feature a unique design (patent pending) that combines a tin plated, solderable, integral spring clip with an extruded aluminum heat sink body for an all-in-one solution to through-hole mounting of TO-220 or TO-247 packages. These self-aligning heat sinks feature solderable feet and an integrated clip with 13.2 (lbf) of force on the center of the device to enhance thermal performance.

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Fig.	Package Type	Surface Area (in²)	Finish	Price Each			
						1	25	100	250
588-WV-T220-101E	WV-T220-101E	F	TO-220	6.5	No Finish (Degreased)				
588-WA-T220-101E	WA-T220-101E	F	TO-220	6.5	Black Anodized				
588-WV-T247-101E	WV-T247-101E	F	TO-247	8.4	No Finish (Degreased)				
588-WA-T247-101E	WA-T247-101E	F	TO-247	8.4	Black Anodized				
588-WA-T264-101E	WA-T264-101E	F	TO-264	8.4	No Finish (Degreased)				
588-WV-T264-101E	WV-T264-101E	F	TO-264	8.4	Black Anodized				

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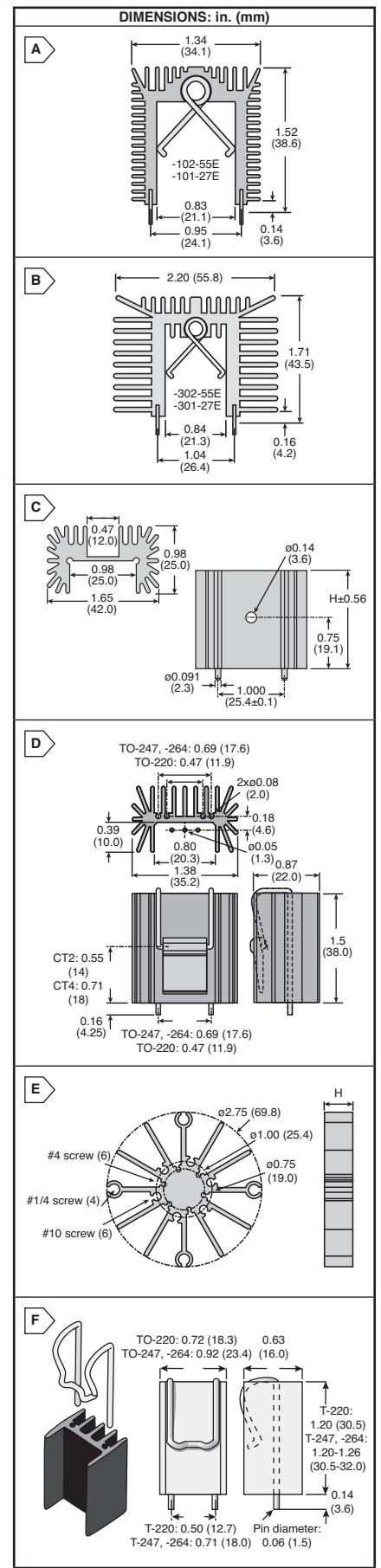
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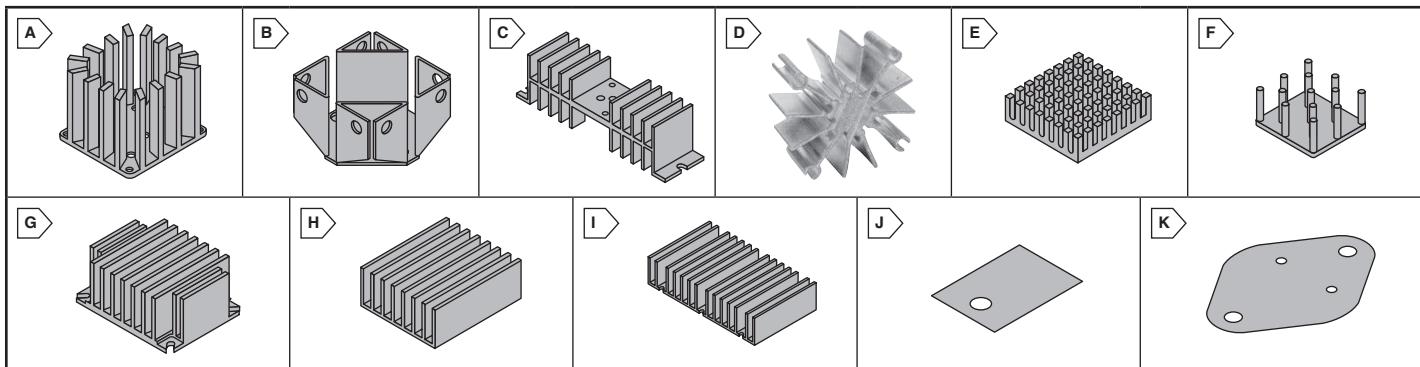
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WAKEFIELD Heat Sinks and Accessories

wakefield-vette



* No semi-mounting hole pattern

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Wakefield Part No.	Fig.	Description	Dimensions: in. (mm) LxWxH	Price Each		
					1	10	100
Board Level Power Semiconductor Heat Sinks							
567-217-36CT6	217-36CT6	-	D Pak, TO-220, SOL-20, SOT-223 Surface Mount 2	.74 x .60 x .36			
567-260-4T5E	260-4T5E		TO-5 Cup Clips, Epoxy Insulated	.370 x .380			
567-240-118ABH-22	240-118ABH-22	-	TO-220 Labor-Saving Twisted Fin	1.0 x .50 x 1.18			
567-273-AB	273-AB	-	TO-218, TO-220 Low-Cost, Low-Height Wave-Solderable	.75 x .375 x .75			
567-274-1AB	274-1AB	-	TO-220 Low-Cost, Low-Height Wave-Solderable	.52 x .375 x .75			
567-287-1ABE	287-1ABE	-	TO-220 Low-Cost Wave-Solderable	1.0 x .50 x 1.18			
567-290-1AB	290-1AB	-	TO-218 TO-202 TO-220 Low-Cost Single Package	1.0 x .50 x 1.18			
567-289-AB	289-AB	-	TO-220 High-Efficiency, Vertical Board Mounting	1.0 x .50 x .71			
567-637-10ABP	637-10ABP	-	TO-220 High-Efficiency, Vertical Board Mounting	1.38 x .50 x 1.0			
567-637-15ABP	637-15ABP	-	TO-220 High-Efficiency, Vertical Board Mounting	1.38 x .50 x 1.5			
567-637-20ABP	637-20ABP	-	TO-220 High-Efficiency, Vertical Board Mounting	1.38 x .50 x 2.0			
567-647-10ABP	647-10ABP	-	TO-220 High-Performance, Vertical Board Mounting	1.65 x 1.0 x 1.0			
567-647-15ABP	647-15ABP	-	TO-220 High-Performance, Vertical Board Mounting	1.65 x 1.0 x 1.5			
567-657-15ABP	657-15ABP	-	TO-218 TO-220 TO-247 High-Performance, Vertical Board Mounting	1.65 x 1.0x 1.5			
567-657-20ABP	657-20ABP	-	TO-218 TO-220 TO-247 High-Performance, Vertical Board Mounting	1.65 x 1.0 x 2.0			
567-667-10ABPP	667-10ABPP	-	TO-218 TO-220 TO-247 15-Lead High Performance Vertical Board Mounting	1.375 x .50 x 1.0			
567-677-20ABP	677-20ABP	-	TO-218 TO-220 TO-247 15-Lead Multiwatt High-Perf., High-Power, Vertical Mount	1.65 x 1.0 x 1.0			
567-235-85AB	235-85AB	-	TO-220 Compact, Stress-Free Labor-Saving Locking-Tab	1.65 x 1.0 x 2.0			
567-272-AB	272-AB	-	TO-202 TO-220 Small Footprint Low-Cost	.75 x .50 x .53			
567-634-10ABP	634-10ABP	-	TO-202 TO-220 Slim Profile Unidirectional Fin Vertical Mount	1.75 x .375 x .70			
567-641-A	641-A	-	TO-3 Maximum Performance, Mounting Holes	.64 x .64 x 1.0			
567-641-K	641-K	-	TO-3 Maximum Performance Convection	4.13 x 3.0 x 1.0			
567-680-125A	680-125A	A	TO-3, TO-220 Maximum Efficiency Omnidirectional	4.13 x 3.0 x 1.0			
567-690-3B	690-3B	B	TO-3, TO-66, TO-220 Highest Efficiency/Lowest Unit Cost	1.86(47.2) Sqx1.31(33.3) Hgt			
* 567-401-K	401-K	C	TO-3; Stud-Mount Double-Surface	4.75 (120.65)x1.5 (38.1)x1.25 (31.75)			
567-401-A	401-A	C	TO-3; Stud-Mount Double-Surface, Mounting Hole	4.75 (120.65)x1.5 (38.1)x1.25 (31.75)			
* 567-421-K	421-K	C	TO-3, Stud-Mount Low-Height Double-Surface	4.75 (120.65)x3.0 (76.2)x2.62 (66.55)			
* 567-423-K	423-K	C	TO-3, Stud-Mount Low-Height Double-Surface	4.75 (120.65)x5.5 (139.7)x2.62 (66.55)			

Heat Sinks for "Star" LEDs: 882 Series - The radial design & fin area is ideally suited for natural convection applications such as ceiling lighting. A fan can also be used for increased performance in a forced convection application.

567-882-50AB	882-50AB	D	Radial Fin Star LED Heatsink	.50 (12.7)x4.33 C/W			
567-882-100AB	882-100AB	D	Radial Fin Star LED Heatsink	1.00 (25.4)x2.88 C/W			
567-882-200AB	882-200AB	D	Radial Fin Star LED Heatsink	2.00 (50.8)x1.89 C/W			
567-882-300AB	882-300AB	D	Radial Fin Star LED Heatsink	3.00 (76.2)x1.55 C/W			

BGA Heat Sinks

567-628-65AB	628-65AB	E	IntelDX4™, Intel 80486DX2™, and AM486™DX2, AM486™DX4	1.75 (44.45)x1.7 (43.18)x.65 (16.51)			
567-658-25AB	658-25AB	E	PowerQuad2™, 28-38mm Omnidirectional Pin Fin, No Tape	1.1 (27.94)x1.1 (27.94)x.25 (6.35)			
567-658-45AB	658-45AB	E	PowerQuad2™, 28-38mm Omnidirectional Pin Fin, No Tape	1.1 (27.94)x1.1 (27.94)x.45 (11.43)			
567-658-60AB	658-60AB	E	PowerQuad2™, 28-38mm Omnidirectional Pin Fin, No Tape	1.1 (27.94)x1.1 (27.94)x.60 (15.24)			
567-658-60ABT3	658-60ABT3	E	PowerQuad2™, 28-38mm Omnidirectional Pin Fin, Chomerics T-412	1.1 (27.94)x1.1 (27.94)x.60 (15.24)			
567-D10650-40	D10650-40	F	Pin Fin for 84 - 100 pin PQFP & 168 BGA	.65 (16.51)x.65 (16.51)x.40 (10.16)			
567-D10850-40	D10850-40	F	Pin Fin for 128 - 208 Pin PQFP & 313 BGA	.85 (21.59)x.85 (21.59)x.40 (10.16)			

DC/DC Converter Heat Sinks: • Black Anodize

567-537-24AB	537-24AB	G	Quarter Brick Horizontal Fin Orientation	1.45 (36.82)x2.28 (57.91)x.24 (6.1)			
567-537-45AB	537-45AB	G	Quarter Brick Horizontal Fin Orientation	1.45 (36.82)x2.28 (57.91)x.45 (11.43)			
567-537-95AB	537-95AB	G	Quarter Brick Horizontal Fin Orientation	1.45 (36.82)x2.28 (57.91)x.95 (24.13)			
567-547-95AB	547-95AB	G	Quarter Brick Vertical Fin Orientation	1.45 (36.82)x2.28 (57.91)x.95 (24.13)			
567-517-95AB	517-95AB	H	Half Brick Horizontal Fin Orientation	2.28 (57.91)x2.4 (60.96)x.95 (24.13)			
567-518-95AB	518-95AB	H	Half Brick Vertical Fin Orientation	2.28 (57.91)x2.4 (60.96)x.95 (24.13)			
567-518-95AB-MS4	518-95AB-MS4	H	Half Brick Vertical Fin Orientation w/HDWR and Deltalink IV Thermal Pad	2.28 (57.91)x2.4 (60.96)x.95 (24.13)			
567-527-45AB	527-45AB	H	Half Brick Horizontal Fin Orientation	2.28 (57.91)x2.4 (60.96)x.45 (11.43)			
567-528-45AB	528-45AB	H	Half Brick Vertical Fin Orientation	2.28 (57.91)x2.4 (60.96)x.45 (11.43)			
567-557-140AB	557-140AB	I	Full Brick Horizontal Fin Orientation	2.4 (60.96)x4.6 (116.84)x.14 (35.56)			
567-558-75AB	558-75AB	I	Full Brick Vertical Fin Orientation	2.4 (60.96)x4.6 (116.84)x.75 (19.05)			

Thermal Pads

567-173-7-220P	173-7-220P	J	TO-220 DeltaPads™ .007" (.18mm) Insulator	.71 (18.03)x.50 (12.7).141 dia. (3.6 dia.)			
567-173-9-240P	173-9-240P	J	TO-220 DeltaPads™ .009" (.23mm) Insulator	.75 (19.05)x.50 (12.7).147 dia. (3.7 dia.)			
567-175-6-220P	175-6-220P	J	TO-220 Kapton® .006" (.15mm) Reinforced Insulator	.71 (18.03)x.50 (12.7).141 dia. (3.6 dia.)			
567-175-6-230P	175-6-230P	J	TO-220 Kapton® .006" (.15mm) Reinforced Insulator	.71 (18.03)x.50 (12.7).125 dia. (3.2 dia.)			
567-175-6-240P	175-6-240P	J	TO-220 Kapton® .006" (.15mm) Reinforced Insulator	.75 (19.05)x.50 (12.7).147 dia. (3.7 dia.)			
567-175-6-280P	175-6-280P	J	TO-220 Kapton® .006" (.15mm) Reinforced Insulator	.86 (21.8)x.74 (18.8).16 dia. (4.1 dia.)			
567-175-6-310P	175-6-310P	K	TO-3 Kapton® .006" (.15mm) Reinforced Insulator	1.59 (40.5)x.14 (29.0).062 dia. (1.6 dia.)			

THERMAL JOINT COMPOUND

• Shelf Life: 5 years

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Wakefield Part No.	Description	Price Each		
			1	10	100
567-120-SA	120-SA	Silicon Thermal Grease, 4g plastic pack			
567-120-2	120-2	Silicon Thermal Grease, 2oz. jar			
567-120-5	120-5	Silicon Thermal Grease, 5oz. tube			
567-120-8	120-8	Silicon Thermal Grease, 8oz. jar			
567-120-B0	120-B0	Silicon Thermal Grease, 5lbs. can			
567-126-2	126-2	Synthetic Non-Silicon Thermal Grease, 2oz. tube			
567-126-4	126-4	Synthetic Non-Silicon Thermal Grease, 4oz. tube			

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1915

Wakefield

Heat
Sinks

 This product is RoHS compliant.

THERMAL GAP FILLER PADS

Tflex™ gap fillers are used to bridge the interface between hot components and a chassis or heat sink assembly. The combination of good thermal conductivity and softness reduces mechanical stress, but maintains thermal performance.

Specifications:

- Thickness range: 0.2mm to 8.9mm (0.008" to 0.350") availability varies by product line
- UL Flammability: 94VO
- Applications:
 - Telecom - wireless infrastructure, routers and VOIP phones
 - IT - notebooks, servers, memory modules, hard disk drives, solid state drives, scanners and printers
 - Consumer - gaming systems, LCD PDP televisions, and displays
 - Industrial - LED lighting, power supplies, lighting ballasts, controllers, scanners, and power converters
 - Aerospace and military - power supplies, microwave radio, and controllers

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Series Type	Breakdown Voltage	Color	Size	Material	Operating Temperature Range	Tensile Strength	Thickness	Price Each	
											1	5
739-A15324-01	A15324-01	A	Tflex 300	>10,000VAC	Green	9"x9"	Tflex 340	-40° to 160°C	15	40mils		
739-A1530-03	A1530-03	A	Tflex 300	>10,000VAC	Green	9"x9"	Tflex 3100,DC1	-40° to 160°C	15	100mils		
739-A14556-01	A14556-01	A	Tflex 500	>10,000VAC	Blue	9"x9"	Tflex 520FG	-45° to 200°C	66	20mils		
739-A14558-01	A14558-01	A	Tflex 500	>10,000VAC	Blue	9"x9"	Tflex 540	-45° to 200°C	66	40mils		
739-A14562-01	A14562-01	A	Tflex 500	>10,000VAC	Blue	9"x9"	Tflex 580	-45° to 200°C	46	80mils		
739-A14566-01	A14566-01	A	Tflex 500	>10,000VAC	Blue	9"x9"	Tflex 5120	-45° to 200°C	46	120mils		
739-A12618-01	A12618-01	A	Tflex 600	>5,000VAC	Purple	9"x9"	Tflex 640	-45° to 200°C	15	40mils		
739-A12618-33	A12618-33	A	Tflex 600	>5,000VAC	Purple	18"x18"	Tflex 640	-45° to 200°C	15	40mils		

For quantities greater than listed, call for quote.

ELECTRICALLY CONDUCTIVE THERMAL INTERFACE MATERIAL

Tgon™ 800 series is a high-performance, cost effective TIM that can be used where electrical isolation is not required. Tgon 800's unique grain oriented graphite plate structure provides high 240 W/mk thermal conductivity along the XY plane, and 5 W/mk through the Z axis.

Tputty™ gap fillers are used to bridge the interface between hot components and a chassis or heat sink assembly when elimination of mechanical stress or bulk dispensing are critical design considerations.

Specifications:

- Thickness range: 0.5mm to 5.1mm (0.02" to 0.200") availability varies by product line
- UL Flammability: 94VO

Applications:

- Especially good for applications that require high conductivity and low cost without softness



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Series Type	Breakdown Voltage	Color	Size	Material	Operating Temperature Range	Tensile Strength	Thickness	Price Each	
											1	5
739-A10462-03	A10462-03	B	Tgon 805	-	Pewter	12"x18"	Tgon 805,A0	-240° to 300°C	650	5mils		
739-A10462-02	A10462-02	B	Tgon 805	-	Pewter	12"x18"	Tgon 805,A1	-240° to 300°C	650	5mils		
739-A10462-15	A10462-15	B	Tgon 805	-	Pewter	18"x24"	Tgon 805,A1	-240° to 300°C	650	5mils		
739-A10463-01	A10463-01	B	Tgon 810	-	Pewter	12"x18"	Tgon 810,A0	-240° to 300°C	650	10mils		
739-A10463-02	A10463-02	B	Tgon 810	-	Pewter	12"x18"	Tgon 810,A1	-240° to 300°C	650	10mils		
739-A10464-01	A10464-01	B	Tgon 820	-	Pewter	12"x18"	Tgon 820,A0	-240° to 300°C	650	20mils		
739-A10464-02	A10464-02	B	Tgon 820	-	Pewter	12"x18"	Tgon 820,A1	-240° to 300°C	650	20mils		
739-A10238-09	A10238-09	C	Tputty 502	>5,000VAC	White	9"x9"	Tputty 502FG2	-45° to 200°C	-	90mils		
739-A13717-03	A13717-03	C	Tputty 504	-	Light Grey	30cc, manual syringe	Tputty 504	-45° to 200°C	-	-		

For quantities greater than listed, call for quote.

TPCM™ AND TGREASE™ HIGH-PERFORMANCE PRODUCTS

High-performance products are used in applications where mechanical tolerances and general design has been optimized for thermal performance.

The Tpcm™ phase change product line is used in applications where reliability, repeatability, and handling must be controlled to optimize the performance as part of the total thermal solution. Available in screen printable formulation that offers the reliability and performance of a phase change material with the low-cost handling of thermal grease.

Tgrease™ is used in applications where a minimum bond line, constant pressure, and ease of screen printing is desired for optimal performance. They are designed to maximize reliability by eliminating pump out in most applications.

Applications:

- IT - servers, desktops, notebooks, and memory modules
- Industrial - power supplies, lighting, LED lighting, and industrial electronics
- Telecom - routers and wireless infrastructure
- Consumer - gaming systems and portable devices



MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Series Type	Color	Size	Material	Operating Temperature Range	Price Each	
								1	5
739-A14855-03	A14855-03	D	Tgrease	White	0.5kg can	Tgrease 1500	max 125°C		
739-A15423-02	A15423-02	D	Tgrease	White	10cc manual syringe	Tgrease 1500	max 125°C		
739-A16241-01	A16241-01	D	Tgrease	White	30cc jar	Tgrease 1500	max 125°C		
739-A14259-05	A14259-05	D	Tgrease	White	1/2kg	Tgrease 2500	-55° to 150°C		
739-A14399-01	A14399-01	D	Tgrease	White	10cc syringe	Tgrease 2500	-55° to 150°C		
739-A14399-02	A14399-02	D	Tgrease	White	30cc syringe	Tgrease 2500	-55° to 150°C		
739-A14399-03	A14399-03	D	Tgrease	White	50cc syringe	Tgrease 2500	-55° to 150°C		
739-A15028-01	A15028-01	D	Tgrease	Gray	1/2kg	Tgrease 880	-40° to 150°C		
739-A16241-03	A16241-03	D	Tgrease	Gray	30cc jar	Tgrease 880	-40° to 150°C		
739-A10832-02	A10832-02	E	Tpcm	Yellow	9"x9"	Tpcm 910	-25° to 125°C		

For quantities greater than listed, call for quote.

TGARD™ ELECTRICAL INSULATORS

Tgard™ thermally conductive electrical insulators are used where electrical isolation is a critical design consideration, with reliability, cut-through resistance, and thermal conductivity.

Applications:

- Industrial - power supplies and standard TO-packages that require isolation
- Telecom - board-to-chassis system electrical isolation



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Package Type	Breakdown Voltage	Material	Operating Temperature Range	Tensile Strength	Thickness	Price Each	
									1	100
739-A15037003	A15037003	F	TO-220	>6,000VAC	Kit, Tgard 5000, A0	-76° to 180°C	40MPa	5mils		
739-A15038003	A15038003	F	TO-247	>6,000VAC	Kit, Tgard 5000, A0	-76° to 180°C	40MPa	5mils		

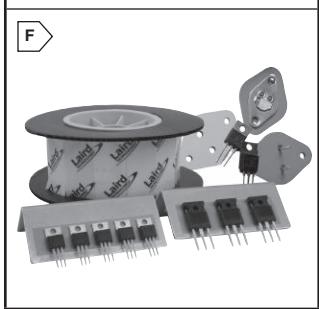
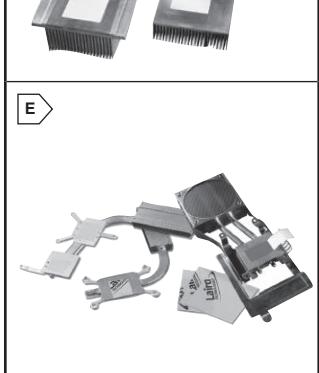
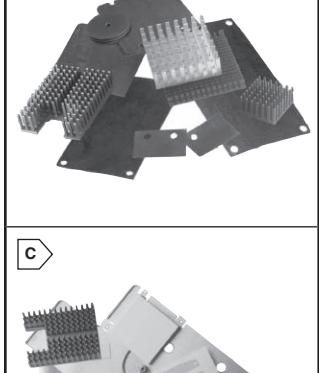
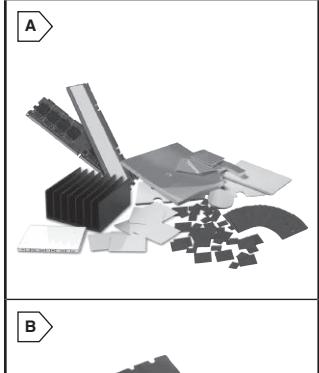
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PANASONIC Thermal Graphite Sheets

Panasonic

 This product is RoHS compliant.

EYG SERIES GRAPHITE SHEETS

PGS (Pyrolytic Graphite Sheet) is a thermal interface material which is very thin, synthetically made, has high thermal conductivity, and is made from a highly oriented graphite polymer film. PGS (Pyrolytic Highly Oriented Graphite Sheet) is made of graphite with a structure that is close to a single crystal, which is achieved by the heat decomposition of polymeric film.

It is ideal for providing thermal management/heat-sinking in limited spaces or to provide supplemental heat-sinking in addition to conventional means. This material is flexible and can be cut into customized shapes.

Flexibility:

PGS is bending-resistant due to its flexibility. PGS can be used for areas such as curved surfaces and corners because its heat conductivity will remain unchanged in the absence of folds in PGS.

Thermal Resistance Property:

Thermal resistance represents the degree of non-conductivity of the heat. Materials with lower thermal resistance are a more efficient conductor of heat (Thermal resistance depends on hardness of, and surface condition of material as well as heat conductivity.)

Features:

- Excellent thermal conductivity
- Flexible and easy to be cut or trimmed
- Low thermal resistance

Specifications:

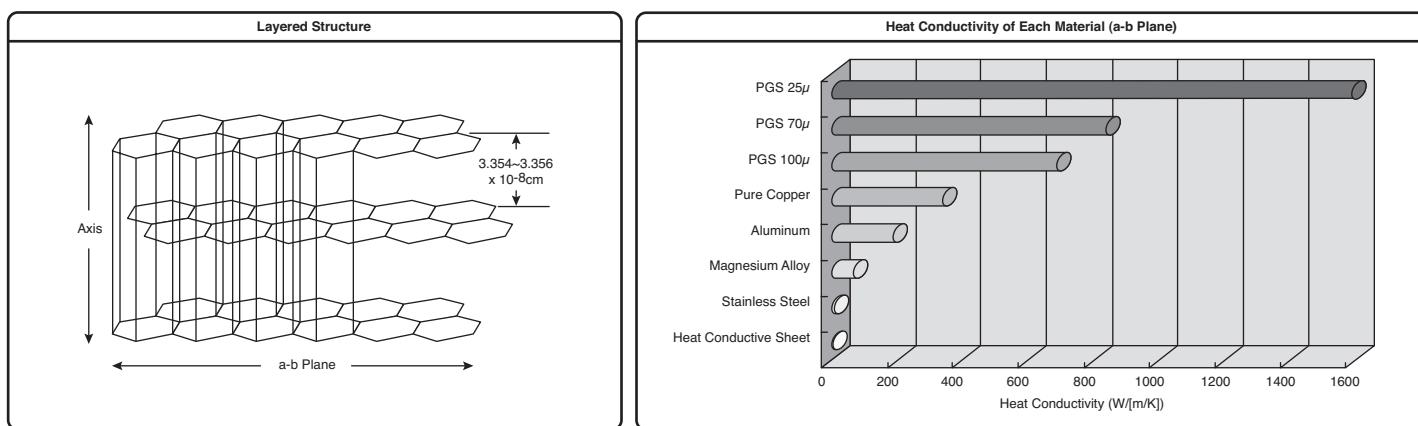
- Lightweight: Specific gravity: 0.85 to 2.1g/cm³
- Heat resistance: 400°C
- Bending (angle 180, R5): 10,000 cycles

Recommended Applications:

- Cellular phone, DVC, DSC, PC and peripherals, pickup
- Semiconductor manufacturing equipment
- Optical communications equipment

Bending Limitation		
Bending Angle	Bending Radius (R)	
	R = 2 (mm)	R = 5 (mm)
90°	10,000 cycles or more	100,000 cycles or more
180°	3,000 cycles or more	30,000 cycles or more

Style *	
S	PGS Only
A	Taping
C	Coating
M	Other Materials Laminated



MOUSER STOCK NO.	Panasonic Part No.	Style *	Type	Inductance (μm)	Size (mm)	Thickness (mm)	PRODUCT NEW		For quantities greater than listed, call for quote.	
							1	5		
667-EYG-A091203V	EYG-A091203V	A	A-V	25	90x115	0.025				
667-EYG-A091207M	EYG-A091207M	A	A-M	70	90x115	0.07				
667-EYG-A091207P	EYG-A091207P	A	A-PA	70	90x115	0.07				
667-EYG-A091207V	EYG-A091207V	A	A-V	70	90x115	0.07				
667-EYG-A091210B	EYG-A091210B	A	A-B	100	90x115	0.1				
667-EYG-A091210P	EYG-A091210P	A	A-PA	100	90x115	0.1				
667-EYG-A091210T	EYG-A091210T	A	A-T	100	90x115	0.1				
667-EYG-A121803M	EYG-A121803M	A	A-MM	25	115x180	0.025				
667-EYG-A121803S	EYG-A121803S	A	A-SM	25	115x180	0.025				
667-EYG-A121807A	EYG-A121807A	A	A-A	100	115x180	0.07				
667-EYG-A121810A	EYG-A121810A	A	A-A	100	115x180	0.1				
667-EYG-A121810B	EYG-A121810B	A	A-B	100	115x180	0.1				
667-EYG-A121810K	EYG-A121810K	A	A-K	100	115x180	0.1				
667-EYG-A121810M	EYG-A121810M	A	A-MM	100	115x180	0.1				
667-EYG-A121810P	EYG-A121810P	A	A-PA	100	115x180	0.1				
667-EYG-A121810T	EYG-A121810T	A	A-T	100	115x180	0.1				
667-EYG-A121810V	EYG-A121810V	A	A-V	100	115x180	0.1				
667-EYG-M060910SS	EYG-M060910SS	M	M-SS	100	90x115	0.1				
667-EYG-M091210SS	EYG-M091210SS	M	M-SS	100	90x115	0.1				
667-EYG-M121810SS	EYG-M121810SS	M	M-SS	100	115x180	0.1				
667-EYG-M121810SW	EYG-M121810SW	M	M-SW	100	115x180	0.1				
667-EYG-S091203	EYG-S091203	S	S	25	90x115	0.025				
667-EYG-S091207	EYG-S091207	S	S	70	90x115	0.07				
667-EYG-S091210	EYG-S091210	S	S	100	90x115	0.1				
667-EYG-S121803	EYG-S121803	S	S	25	115x180	0.025				
667-EYG-S121807	EYG-S121807	S	S	70	115x180	0.07				
667-EYG-S121810	EYG-S121810	S	S	100	115x180	0.1				
667-EYG-S182310	EYG-S182310	S	S	100	180x230	0.1				
667-EYG-S091203DP	EYG-S091203DP	S	S	25	90x115	0.025				
667-EYG-S091207DP	EYG-S091207 DP	S	S	70	90x115	0.07				
667-EYG-S091210DP	EYG-S091210DP	S	S	100	90x115	0.1				
667-EYG-S121803DP	EYG-S121803 DP	S	S	25	115x180	0.025				
667-EYG-S121807DP	EYG-S121807DP	S	S	70	115x180	0.07				
667-EYG-S121810DP	EYG-S121810DP	S	S	100	115x180	0.1				
667-EYG-S182307DP	EYG-S182307DP	S	S	70	180x230	0.07				
667-EYG-S182310DP	EYG-S182310DP	S	S	100	180x230	0.1				

THERMOELECTRIC MODULES

The Ceramic Plate (CP) Series of Thermoelectric Modules (TEMs) is considered 'the standard' in the thermoelectric industry. This broad product line of high-performance and highly reliable TEMs is available in numerous heat pumping capacities, geometric shapes, and input power ranges. Assembled with Bismuth Telluride semiconductor material and thermally conductive Aluminum Oxide ceramics, the CP Series is designed for higher current and large heat-pumping applications. For all CP Series modules, wire is stranded, 114mm (4.5in.) long and PVC insulated.

**Benefits:**

- Precise temperature control with tolerances $\pm 0.1^\circ\text{C}$ achieved under steady state conditions
- DC operation with reverse polarity for heating and cooling in thermal cycling applications

- Rapid cool down below ambient temperatures
- Tight geometric space constraints and low weight requirements
- Power generation from waste heat—patented ThermoTECTM is operational up to 225°C
- Reliable solid-state operation with no sound or vibration (lifetimes of more than 200,000 hours)
- Virtually no electrical noise
- Environmentally friendly, no CFC refrigerants
- Low maintenance, easy to repair

Applications:

- Consumer Electronics
- Medical
- Food & Beverage
- Aerospace
- Defense



For quantities greater than listed, call for quote.

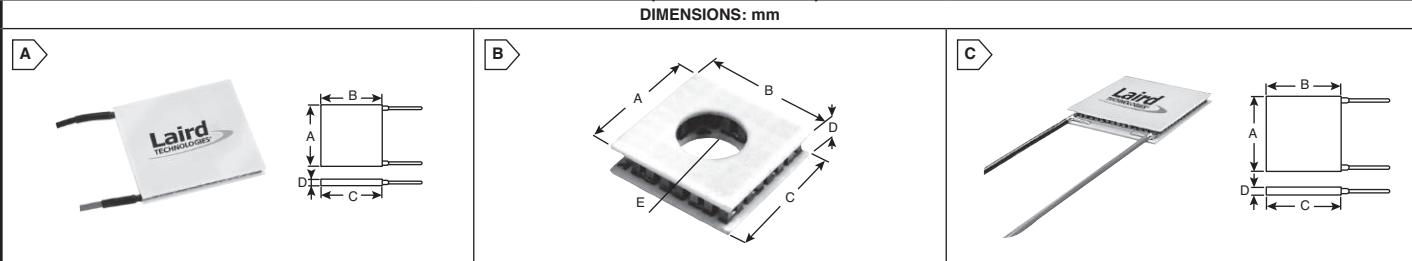
MOUSER STOCK NO.	Laird Thermal Part No.	Description	Th=25°C				No. of Couples	Dimensions: mm				Price Each			
			TMAX (°C)	QMAX (Watts)	IMAX (Amps)	VMAX (Volts)		A	B	C	D	1	10	50	100
CP series - Ceramic Plate															
739-62910-510	62910-510	CP08,127,05,L1,W4.5	67	22.4	2.6	15.4	127	25	25	25	3.1				
739-66195-505	66195-505	CP08,127,06,L1,W4.5	67	18.1	2.1	15.4	127	25	25	25	3.4				
739-71035-505	71035-505	CP08,31,06,L1,W4.5	67	4.4	2.1	3.8	31	12	12	12	3.4				
739-71036-505	71036-505	CP08,63,06,L1,W4.5	67	9.0	2.1	7.6	63	12	25	12	3.4				
739-430446-503	430446-503	CP08,127,05,L1,RT,W4.5	67	22.6	2.6	14.4	127	25	25	25	3.1				
739-66195-504	66195-504	CP08,127,06,L1,RT,W4.5	67	18.1	2.1	14.4	127	25	25	25	3.4				
739-43240-501	43240-501	CP10,17,06,L,W4.5	67	3.5	3.0	1.9	17	12	12	12	3.58				
739-56460-501	56460-501	CP10,127,05,L1,W4.5	67	33.4	3.9	15.4	127	30	30	30	3.2				
739-43310-502	43310-502	CP10,127,06,L1,W4.5	67	25.7	3.0	15.4	127	30	30	30	3.6				
739-63202-501	63202-501	CP10,127,08,L1,W4.5	67	21.4	2.5	15.4	127	30	30	30	4.0				
739-71012-506	71012-506	CP10,254,06,L1,W4.5	67	51.4	3.0	30.8	254	60	30	30	3.6				
739-430801-504	430801-504	CP10,31,05,L1,W4.5	67	8.2	3.9	3.8	31	15	15	15	3.2				
739-56430-501	56430-501	CP10,63,05,L1,W4.5	67	16.6	3.9	7.6	63	15	30	15	3.2				
739-43280-503	43280-503	CP10,63,06,L1,W4.5	67	12.7	3.0	7.6	63	15	30	15	3.6				
739-44440-501	44440-501	CP10,71,05,L,W4.5	67	19	3.9	7.9	71	22.6	22.6	22.6	3.2				
739-56460-500	56460-500	CP10,127,05,L1,EP,W4.5	67	34.3	3.9	14.4	127	30	30	30	3.2				
739-56310-505	56310-505	CP10,127,06,L1,RT,W4.5	68	25.7	3.0	14.5	127	30	30	30	3.6				
739-430801-501	430801-501	CP10,31,05,L,EP,W4.5	67	8.2	3.9	3.8	31	15	15	15	3.2				
739-430848-509	430848-509	CP12,161,04,L1,RT,W4.5	67	79.2	7.3	18.4	161	40	40	40	3.3				
739-430082-502	430082-502	CP14,127,045,L1,EP,W4.5	67	72.0	8.5	14.5	127	40	40	40	3.3				
739-66101-500	66101-500	CP14,127,045,L1,RT,W4.5	67	72.0	8.5	14.5	127	40	40	40	3.3				
739-430078-525	430078-525	CP14,127,06,L1,EP,W4.5	67	51.4	6.0	14.5	127	40	40	40	3.8				
739-56760-500	56760-500	CP14,127,06,L1,RT,W4.5	67	51.4	6.0	14.5	127	40	40	40	3.8				
739-56610-510	56610-510	CP14,127,10,L1,RT,W4.5	67	33.4	3.9	14.4	127	40	40	40	4.7				
739-430294-502	430294-502	CP14,35,045,L1,EP,W4.5	68	20.4	8.7	4.0	35	15	15	15	3.3				
739-430032-502	430032-502	CP14,71,045,L1,RT,W4.5	67	41.3	8.5	8.0	71	30	30	30	4.7				
739-430705-504	430705-504	CP14,71,06,L1,EP,W6	68	28.7	6.0	8.1	71	30	30	30	3.8				
739-56740-502	56740-502	CP14,71,06,L1,RT,W4.5	68	28.7	6.0	8.1	71	30	30	30	3.8				
739-70200-504	70200-504	CP14,71,10,L1,EP,W4.5	67	18.7	3.9	8.6	71	30	30	30	4.7				
739-70200-501	70200-501	CP14,71,10,L1,RT,W4.5	67	18.7	3.9	8.6	71	30	30	30	4.7				
739-44910-501	44910-501	CP14,127,045,L1,W4.5	67	72.0	8.5	15.4	127	40	40	40	3.3				
739-56780-505	56760-505	CP14,127,06,L1,W4.5	67	51.4	6.0	15.4	127	40	40	40	3.8				
739-56610-502	56610-502	CP14,127,10,L1,W4.5	68	33.4	3.9	15.4	127	40	40	40	4.7				
739-44550-501	44550-501	CP14,31,10,L1,W4.5	68	8.2	3.9	3.8	31	20	20	20	4.7				
739-56860-501	56860-501	CP14,35,045,L1,W4.5	65	19.0	8.5	4.2	35	15	30	15	3.3				
739-56500-501	56500-501	CP14,7,10,L1,W4.5	68	1.8	3.9	0.8	7	9.5	9.5	9.5	4.7				
739-44530-501	44530-501	CP14,17,10,L,W4.5	68	4.5	3.9	1.9	-	14.9	14.9	14.9	-	-			
739-44740-501	44740-501	CP14,71,06,L1,W4.5	67	28.7	6.0	8.6	71	30	30	30	3.8				
739-56550-502	56590-502	CP14,71,10,L1,W4.5	68	18.7	3.9	8.6	71	30	30	30	4.7				
739-430122-507	430122-507	CP2,127,06,L1,EP,W4.5	67	122.3	14.3	14.5	127	62	62	62	4.6				
739-430122-520	430122-520	CP2,127,06,L1,RT,W4.5	67	122.3	14.3	14.5	127	62	62	62	4.6				
739-64975-503	64975-503	CP2,127,10,L,EP,W4.5	67	79.8	9.3	14.5	127	62	62	62	5.6				
739-64975-502	64975-502	CP2,127,10,L,RT,W4.5	67	79.8	9.3	14.5	127	62	62	62	5.6				
739-66100-501	66100-501	CP2,127,06,L1,W4.5	67	120	14.0	15.4	127	62	62	62	4.6				
739-64979-501	64979-501	CP2,127,10,L1,W4.5	68	79.8	9.3	14.5	127	62	62	62	5.6				
739-430084-505	430084-505	CP2,31,06,L1,W4.5	67	29.3	14.0	3.5	31	30	30	30	4.6				
739-56995-501	56995-501	CP2,31,10,L1,W4.5	68	18.8	9.0	3.8	31	30	30	30	5.6				
739-57040-500	57040-500	CP2,71,10,L1,W4.5	67	44.2	9.0	7.9	71	43.9	43.9	43.9	5.6				
739-71035-506	71035-506	CP08,31,06,L,EP,W4.5	67	4.5	2.1	3.7	31	12	12	12	3.4				
739-71212-502	71212-502	CP085,127,06,L1,W4.5	66	20.2	2.7	15.3	127	30	30	30	3.6				
739-56310-503	56310-503	CP10,127,06,L1,W4.5	67	25.7	3.0	15.4	127	30	30	30	3.6				
739-63205-501	63205-501	CP10,127,08,L1,W4.5	67	21.4	2.5	15.4	127	30	30	30	4.0				
739-63604-511	63604-511	CP10,31,08,L1,W4.5	67	5.3	2.50	3.8	31	15	15	15	4.0				
739-430436-504	430436-504	CP10,71,06,L,W4.5	67	14.4	3.0	8.6	71	23	23	23	3.6				
739-430848-502	430848-502	CP12,161,04,L1,W4.5	67	69.3	7.3	18.3	161	40	40	40	3.3				
739-430848-504	430848-504	CP12,161,06,L1,W4.5	67	52.2	4.8	18.3	161	39.9	39.9	39.9	3.6				
739-56910-502	56910-502	CP14,127,045,L1,W4.5	65	72.0	8.5	15.4	127	40	40	40	3.3				
739-56550-501	56550-501	CP14,31,10,L1,W4.5	68	8.2	3.9	3.75	31	20	20	20	4.7				
739-56890-503	56890-503	CP14,71,045,L1,W4.5	65	38.5	8.5	8.6	71	30	30	30	3.3				
739-430705-503	430705-503	CP14,71,06,L1,W4.5	67	28.7	6.0	8.6	71	30	30	30	3.8				
739-57125-501	57125-501	CP2,31,06,L1,W4.5	67	29.3	14.0	3.5	31	30	30	30	4.6				

LAIRD TECHNOLOGIES Thermoelectric Modules



RoHS Compliant This product is RoHS compliant.

DIMENSIONS: mm



THERMATEC™ SERIES

- Precise Temperature Control • Continuous Operation at High Temperatures • Power Cycling Reliability • Strong Lead Attachment

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Description	Th=25°C				No. of Couples	Dimensions: mm				Price Each			
				TMAX (°C)	QMAX (Watts)	IMAX (Amps)	VMAX (Volts)		A	B	C	D	1	10	50	100
HT Series - High Temp																
739-430138-513	430138-513	A	HT2,12,F2,3030,TA,W6	63	20	2.3	14.4	127	30	30	34	3.6				
739-430139-513	430139-513	A	HT3,12,F2,3030,TA,W6	63	24	2.8	14.4	127	30	30	34	3.2				
739-430139-512	430139-512	A	HT3,12,F2,3030,TA,RT,W6	63	24.7	2.9	14.5	12	30	30	34	3.2				
739-430140-502	430140-502	A	HT4,12,F2,3030,TA,W6	63	33	3.9	14.4	127	30	30	34	3.2				
739-430028-513	430028-513	A	HT4,6,F2,2143,TA,RT,W6	64	16.4	3.8	7.2	6	21	38	43	4.1				
739-430140-522	430140-522	A	HT4,12,F2,3030,TA,RT,W6	63	34.3	4.0	14.5	12	30	30	34	3.2				
739-430141-510	430141-510	A	HT4,12,F2,4040,TA,RT,W6	64	33.0	3.8	14.5	12	40	40	44	4.1				
739-430141-512	430141-512	A	HT4,12,F2,4040,TA,W6	64	32	3.7	14.4	127	40	40	44	4.1				
739-430028-509	430028-509	A	HT4,6,F2,2143,TA,W6	64	16	3.7	7.2	63	21	38	43	4.1				
739-430820-501	430820-501	A	HT4,7,F2,3030,TA,W6	67	18	3.7	8.1	71	30	30	30	4.1				
739-430285-506	430285-506	A	HT6,12,F2,4040,TA,W6	63	51	6	14.4	127	40	40	44	3.6				
739-430285-513	430285-513	A	HT6,12,F2,4040,TA,RT,W6	63	51.6	6.0	14.5	12	40	40	44	3.6				
739-430144-512	430144-512	A	HT6,7,F2,3030,TA,W6	63	29.2	6	8	7	30	30	34	3.8				
739-430160-502	430160-502	A	HT8,12,F2,4040,TA,W6	63	72	8.5	14.4	127	40	40	44	3.3				
739-430160-504	430160-504	A	HT8,12,F2,4040,TA,RT,W6	63	72.9	8.5	14.5	12	40	40	44	3.3				
739-430362-508	430362-508	A	HT8,7,F2,3030,TA,W6	63	39	8.5	8.1	71	30	30	34	3.3				
739-430134-516	430134-516	A	HT9,3,F2,2525,TA,W6	66	20	9.6	3.6	31	25	25	28.7	4.9				

POLARTEC™ SERIES

- Strong Lead Attachment • Precise Temperature Control • Reliable Solid State Operation • No Sound or Vibration • DC Operation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Description	Th=25°C				No. of Couples	Dimensions: mm				Price Each			
				TMAX (°C)	QMAX (Watts)	IMAX (Amps)	VMAX (Volts)		A	B	C	D	1	10	50	100
PT Series - Porchstyle																
739-430026-507	430026-507	A	PT4,12,F2,3030,TA,RT,W6	65	34.3	4.0	14.5	12	30	30	34	3.2				
739-430095-502	430095-502	A	PT4,12,F2,4040,TA,RT,W6	67	33.0	3.9	14.5	12	40	40	44	4.1				
739-430026-503	430026-503	A	PT4,12,F2,3030,TA,W6	65	33	3.9	14.4	127	30	30	34	3.2				
739-430023-507	430023-507	A	PT4,12,F2,4040,TA,W6	67	32	3.7	14.4	127	40	40	44	4.1				
739-430052-501	430052-501	A	PT6,12,F2,4040,TA,W6	65	52	6.0	14.4	127	40	40	44	3.8				
739-430027-501	430027-501	A	PT6,7,F2,3030,TA,W6	65	29	6.0	8.1	71	30	30	34	3.8				
739-430097-507	430097-507	A	PT4,7,F2,3030,TA,W6	67	18.4	3.8	8.1	7	30	30	34	3.8				
739-7050045-502	7050045-502	A	PT8,12,F2,4040,TA,W6	64	72	8.5	14.4	127	40	40	44	3.3				
739-7050045-503	7050045-503	A	PT8,12,F2,4040,TA,RT,W6	64	73.9	8.5	14.3	12	40	40	44	3.3				

Features:

- Center Hole
- DC Operation
- Reliable Solid State Operation
- No Sound or Vibration
- DC Operation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Description	Th=25°C				No. of Couples	Dimensions: mm				Price Each				
				TMAX (°C)	QMAX (Watts)	IMAX (Amps)	VMAX (Volts)		A	B	C	D	E	1	10	50	100
SH Series - Annular Style																	
739-71049501	710495-01	B	SH10,95,06,L,104.5	67	19.7	3.0	10.6	95	30	30	30	3.58	14.43				
739-71092-501	71092-501	B	SH14,15,06,L,W4.5	67	6.0	6.0	1.7	15	14	14	3.81	5.1					

ULTRATEC™ SERIES

Features:

- High Heat Pump Density
- Precise Temperature Control
- Reliable Solid State Operation
- No Sound or Vibration
- DC Operation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Description	Th=25°C				No. of Couples	Dimensions: mm				Price Each			
				TMAX (°C)	QMAX (Watts)	IMAX (Amps)	VMAX (Volts)		A	B	C	D	1	10	50	100
UT Series - High Power																
739-430744-511	430744-511	C	UT8,12,F2,3030,TA,W6	69	69	7.9	14.4	127	30	30	34	2.6				
739-430745-505	430745-505	C	UT8,12,F2,2525,11,RT,W6	69	69.0	7.9	14.4	12	25	25	27	1.9				
739-430745-510	430745-510	C	UT8,12,F2,2525,TA,W6	69	69	7.9	14.4	127	25	24	27	1.9				
739-430759-509	430759-509	C	UT11,12,F2,3030,TA,W6	69	95	11	14.4	127	30	30	34	2.4				
739-430764-505	430764-505	C	UT15,12,F2,4040,TA,W6	69	126	14.6	14.4	127	40	40	44	2.8				
739-430856-500	430856-500	C	UT15,200,F2,4040,TA,W6	68	236.6	15.4	25.0	200	40	40	44	3.3				
739-430854-500	430854-500	C	UT8,200,F2,4040,TA,W6	71	127.5	8.5	24.9	200	40	40	44	3.81				
739-430857-500	430857-500	C	UT15,288,F2,5252,TA,W6	68	340.6	15.4	36.0	288	52	52	56	3.3				
739-430855-500	430855-500	C	UT8,288,F2,5252,TA,W6	71	182.6	8.5	35.9	288	52	52	56	3.81				
739-430856-501	430856-501	C	UT15,200,F2,4040,TA,RT,W6	68	236.6	15.4	25.0	200	40	40	44	3.8				
739-430857-501	430857-501	C	UT15,288,F2,5252,TA,RT,W6	68	340.6	15.4	36.0	288	52	52	56	3.3				
739-430874-301	430874-301	C	UT6,19,F1,4040,TA,W6	74	93	6.0	24.6	19	40	40	40	3.91				
739-430883-301	430883-301	C	UT6,24,F1,5555,TA,W6	74	113	6.0	29.8	24	55	55	55	55				
739-430884-301	430884-301	C	UT8,24,F1,5555,TA,W6	72	153	8.5	29.8	24	55	55	55	3.9				
739-430885-601	430885-601	C	UT9,28,F2,4040,TA,W6	68	206	9.2	36.7	28	40	40	44	2.79				
739-430886-601	430886-601	C	UT15,24,F2,5252,TA,W6	70	288	15.1	30.8	24	52	52	56	3.3				

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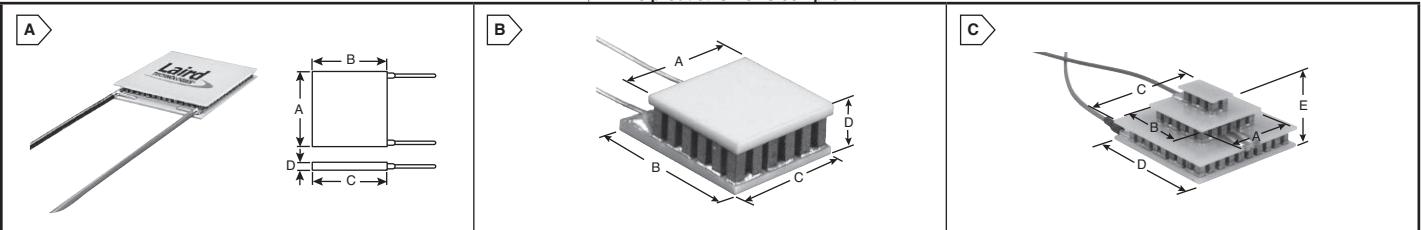
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NEW AT MOUSER

LAIRD TECHNOLOGIES
Thermoelectrics



ZT SERIES - HIGH PERFORMANCE

Features:

- High temperature differential
- Precise temperature control
- Reliable solid state operation
- No sound or vibration

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Description	Th=25°C				No. of Couples	Dimensions: (mm)				Price Each	
				TMAX (°C)	QMAX (Watts)	IMAX (Amps)	VMAX (Volts)		A	B	C	D	1	10
ZT Series - High Perf Modules														
739-7940002-601	7940002-601	A	ZT4,12,F1,3030,TA,W8	74	35	3.9	16.4	12	30	30	3.61	3.61		
739-7950004-601	7950004-601	A	ZT4,12,F1,4040,TA,W8	74	37	3.9	15.4	12	40	40	4.8	4.80		
739-7940001-601	7940001-601	A	ZT4,7,F1,2020,TA,W8	74	18.2	3.9	8.8	7	20	20	3.61	3.61		
739-7945002-601	7945002-601	A	ZT5,16,F1,4040,TA,W8	74	62.3	5	20	16	40	40	2.71	3.71		
739-7950003-601	7950003-601	A	ZT6,12,F1,4040,TA,W8	74	55	6	15.4	12	40	40	3.91	3.91		
739-7950001-601	7950001-601	A	ZT6,7,F1,3030,TA,W8	74	31	6	8.6	7	30	30	3.91	3.91		
739-7945001-601	7945001-601	A	ZT7,16,F1,4040,TA,W8	72	83.9	6.7	20	16	40	40	3.3	3.30		
739-7950002-601	7950002-601	A	ZT8,12,F1,4040,TA,W8	72	77	8.5	15.4	12	40	40	3.81	3.81		

THERMOELECTRIC MODULES - OPTOTEC SERIES

Features:

- Miniature geometric sizes
- Reliable solid state operation
- DC operation
- Infrared (IR) sensors
- Precise temperature control
- No sound or vibration
- RoHS compliant
- CCD cameras
- Pump lasers
- Crystal oscillators
- Optical transceivers



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Description	Th=25°C				No. of Couples	Dimensions: (mm)				Price Each	
				TMAX (°C)	QMAX (Watts)	IMAX (Amps)	VMAX (Volts)		A	B	C	D	1	10
OptoTec Series - Mini														
739-430290-501	430290-501	B	OT08,04,F0,0203,11,W2,25	67	0.2	0.8	0.5	4	1.8	3.4	3.4	2.43		
739-45850-502	45850-502	B	OT08,08,F0,0305,11,W2,25	67	0.44	0.8	0.9	8	3.3	3.3	4.9	2.43		
739-430834-501	430834-501	B	OT08,11,F1,0305,11,W2,25	67	0.6	0.8	1.3	11	3.3	4.9	3.3	2.43		
739-430002-501	430002-501	B	OT08,18,F0,0505,11,W2,25	67	0.97	0.8	2.2	18	5.0	5.0	6.7	2.43		
739-430005-501	430005-501	B	OT08,32,F0,0707,11,W2,25	67	1.7	0.8	3.7	32	6.6	6.6	8.3	2.43		
739-430009-501	430009-501	B	OT08,66,F0,1009,11,W2,25	67	3.6	0.8	7.6	66	9.8	8.9	11.4	2.43		
739-430001-501	430001-501	B	OT12,12,F0,0406,11,W2,25	67	0.97	1.2	1.5	12	4.2	6.2	6.2	2.43		
739-430003-505	430003-505	B	OT12,18,F0,0606,11,W2,25	67	1.5	1.2	2.1	18	6.2	6.2	8.3	2.43		
739-430779-501	430779-501	B	OT12,18,F2A,0606,11,W2,25	67	1.5	1.2	2.1	18	6.0	6.2	7.2	2.43		
739-430111-501	430111-501	B	OT12,66,F0,1211,11,W2,25	67	5.4	1.2	7.5	66	12.3	11.3	14.4	2.43		
739-430274-501	430274-501	B	OT12,62,F3,1211,11,W2,25	67	5	1.2	7.1	62	6.0	7.6	6.0	2.70		
739-430007-509	430007-509	B	OT15,30,F2A,0610,11,W2,25	67	3	1.5	3.4	30	6.2	10.3	12.3	2.43		
739-430013-501	430013-501	B	OT15,66,F0,1211,11,W2,25	67	6.8	1.5	7.5	66	12.3	11.3	14.4	2.43		
739-430860-505	430860-505	B	OT16,18,F2,0606,11,W2,25	67	2.0	1.6	2.0	18	6.0	6.0	7.6	2.00		
739-430263-501	430263-501	B	OT20,12,F0,0406,11,W2,25	67	1.6	2.0	1.4	12	4.1	6.1	6.1	2.43		
739-430264-503	430264-503	B	OT20,30,F2A,0610,11,W2,25	67	4	2.0	3.6	30	6.2	10.3	12.3	2.43		
739-430010-501	430010-501	B	OT20,31,F1,0808,11,W2,25	67	4.2	2.0	3.5	31	8.1	8.1	8.1	2.43		
739-430278-507	430278-507	B	OT20,32,F0,0808,11,W2,25	67	4.4	2.0	3.7	32	8.1	8.1	10.16	2.43		
739-430265-501	430265-501	B	OT20,66,F0,1211,11,W2,25	67	9	2.0	7	66	12.19	11.18	14.22	2.43		
739-430887-301	430887-301	B	OT24,31,F1,1010,TA,W2,25	72	5.3	2.4	3.9	31	10.0	10	10	2.49		
739-430687-502	430687-502	B	ET12,65,F2A,1312,11,W2,25	67	5.3	1.2	7.4	65	13.2	12.1	13.2	2.70		
739-430701-501	430701-501	B	ET19,35,F1N,0612,11,W2,25	67	4.65	1.9	4	35	6.0	12.2	12.2	2.43		
739-430544-501	430544-501	B	ET20,24,F2A,0709,11,W2,25	67	3.3	2	2.7	24	6.6	8	10.8	1.88		
739-430581-502	430581-502	B	ET20,30,F2A,0610,11,W2,25	67	4.1	2.0	3.4	30	6.2	10.3	12.3	2.43		
739-430549-501	430549-501	B	ET20,31,F1A,0909,11,W2,25	67	4.2	2.0	3.5	31	8.79	8.79	8.79	2.43		
739-430548-502	430548-502	B	ET20,68,F1A,1313,11,W2,25	67	9.3	2	7.8	68	13.2	13.2	13.2	2.18		
739-430037-501	430037-501	B	HOT12,18,F2A,0606,11,W2,25	64	1.5	1.2	2.1	18	6.0	6.2	7.1	2.43		
739-430104-501	430104-501	B	HOT12,65,F2A,1312,11,W2,25	67	5.31	1.2	7.4	65	13.16	12.14	13.16	2.43		
739-430039-501	430039-501	B	HOT20,31,F2A,0909,11,W2,25	64	4.2	2.0	3.5	31	8.79	8.8	10.97	2.43		
739-430040-501	430040-501	B	HOT20,65,F2A,1312,11,W2,25	67	8.79	2.0	7.4	65	13.16	12.14	13.16	2.43		

THERMOELECTRIC MODULES - MS SERIES

Features:

- High temperature differential
- Reliable solid state operation
- DC operation
- Calibration equipment
- Gas analyzers
- Guidance Systems
- Precise temperature control
- Environmentally friendly
- Rohs compliant
- Electron microscope
- Photonics laser systems
- Infrared (IR) Sensors

Applications:

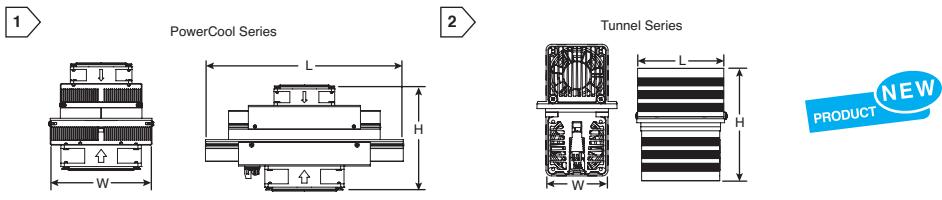
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Description	Th=25°C				A	B	C	D	E	Dimensions: (mm)		Price Each	
				TMAX (°C)	QMAX (Watts)	IMAX (Amps)	VMAX (Volts)						1	10		
MS Series - Multistage TEM																
739-9320002-301	9320002-301	C	MS2,024,06,11,11,11,W2	92	0.81	1.1	2.2	4.1	4.1	6.1	6.1	4.6				
739-9340001-301	9340001-301	C	MS2,049,10,10,15,15,11,W8	87	3.4	2.1	3.8	11.5	11.5	15	15	6.6				
739-9340002-301	9340002-301	C	MS2,107,10,10,12,12,11,W8	89	9.2	3	9.2	22.6	22.6	22.6	22.6	6.25				
739-9340003-301	9340003-301	C	MS2,190,10,10,12,12,11,W8	87	16.4	2.8	15.7	30	30	30	30	6.5				
739-9350006-301	9350006-301	C	MS2,192,14,20,11,18,11,W8	87	39.9	6.7	15.6	40	40	40	40	8.1				
739-9350007-301	9350007-301	C	MS2,192,14,20,15,25,11,W8	88	27.3	4.4	16	40	40	40	40	8.1				
739-9360001-301	9360001-301	C	MS3,070,20,25,11,W8	118	3	6.5	6.5	14	8	36	36	16				
739-9350004-301	9350004-301	C	MS3,119,14,15,15,11,W8	100	7.5	3.9	8	15	15	30	30	10.4				
739-9360002-301	9360002-301	C	MS3,119,20,15,11,W8	100	14.9	1.8	8.2	22	22	44	44	12.9				
739-9340005-301	9340005-301	C	MS4,129,10,15,11,W8	115	1.9	1.8	8.2	8	8	23	23	12.5				
739-9340006-301	9340006-301	C	MS5,257,10,15,11,W8	123	2	1.5	14.5	8	8	30	30	15.4				

 This product is RoHS compliant.

(AA) AIR TO AIR ASSEMBLIES

The AA Tunnel Series is an Air-to-Air thermoelectric assembly (TEA) that minimizes the number of airflow paths required to operate. It offers dependable, compact performance by cooling objects via convection. Heat is absorbed and dissipated through high density heat exchangers equipped with air ducted shrouds and brand name fans. The heat pumping action is generated by thermoelectric modules, which are custom designed to achieve a high coefficient of performance (COP) to minimize power consumption. Custom configurations are available, however MOQ applies.



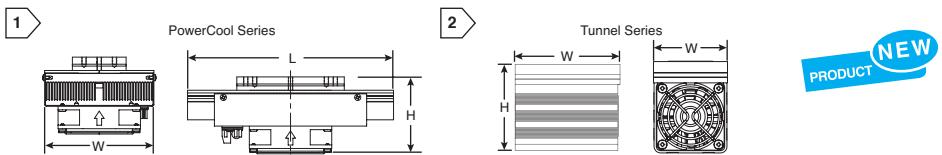




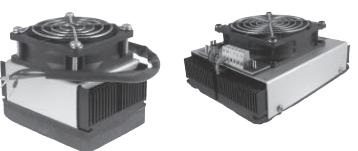
MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Description	Cooling Power	Volt. (V)	Current (I)	Dimensions: mm			Price Each		
							L	W	H	1	10	50
739-AA-019-12-220000	AA-019-12-22-00-00	A1	20W, 2.3A, 52°C	20W	12V	2.3A	80	62.2	104.55			
739-AA-024-12-220000	AA-024-12-22-00-00	A1	25W, 2.4A, 29°C	25W	12V	2.4A	80	62.2	118.80			
739-AA-024-24-220000	AA-024-24-22-00-00	A1	24W, 1.5A, 35°C	24W	24V	1.5A	100	80	132.00			
739-AA-033-24-220000	AA-033-24-22-00-00	A1	28W, 1.9A, 38°C	28W	24V	1.9A	180	84	138.00			
739-AA-034-12-220000	AA-034-12-22-00-00	A1	33W, 3.5A, 49°C	33W	12V	3.5A	100	82.2	124.28			
739-AA-040-12-220000	AA-040-12-22-00-00	A1	41W, 6.3A, 48°C	41W	12V	6.3A	120	102	146.88			
739-AA-040-24-220000	AA-040-24-22-00-00	A1	39W, 2.6A, 52°C	39W	24V	2.6A	160	122	147.00			
739-AA-060-12-220000	AA-060-12-22-00-00	B1	58W, 6.2A, 51°C	58W	12V	6.2A	180	102	146.18			
739-AA-060-24-220000	AA-060-24-22-00-00	B1	58W, 3.1A, 51°C	58W	24V	3.1A	180	102	146.88			
739-AA-070-24-220000	AA-070-24-22-00-00	B1	71W, 3.8A, 48°C	71W	24V	3.8A	180	102	151.68			
739-AA-100-24-220000	AA-100-24-22-00-00	B1	102W, 5.6A, 49°C	102W	24V	5.6A	230	122	160.88			
739-AA-150-24-220000	AA-150-24-22-00-00	B1	143W, 7.9A, 48°C	143W	24V	7.9A	250	152	166.38			
739-AA-200-24-220000	AA-200-24-22-00-00	B1	193W, 11.3A, 46°C	193W	24V	11.3A	350	152	177.98			
739-AA-035-24-220000	AA-035-24-22-00-00	A2	33W, 2.2A, 48°C	33W	30V	2.8A	180	83.32	137.80			
739-AA-033-12-220000	AA-033-12-22-00-00	C2	32W, 3.7A, 48°C	32W	12V	3.7A	180	84	129.00			
739-AAC050-24-220000	AAC050-24-22-00-00	B1	49W, 4.7A, 47°C	49W	24V	4.7A	230	122	151.00			

(DA) DIRECT TO AIR ASSEMBLIES

The DA PowerCool Series is a Direct-to-Air Thermoelectric Assembly (TEA) that uses impingement flow to transfer heat. It offers dependable, compact performance by cooling objects via conduction. Heat is absorbed through a cold plate and dissipated thru a high density heat exchanger equipped with an air ducted shroud and brand name fan. The heat pumping action is generated by thermoelectric modules, which are custom designed to achieve a high coefficient of performance (COP) to minimize power consumption. This product series is available in a wide range of cooling capacities and voltages. Custom configurations are available, however, MOQ applies.



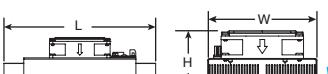




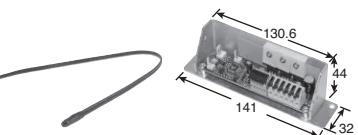
For quantities greater than listed, call for quote.												
739-DA-014-12-020000	DA-014-12-02-00-00	D1	12W, 1.8A, 44°C	12W	12V	1.8A	60	40	54.70			
739-DA-038-12-020000	DA-038-12-02-00-00	E2	38W, 3.6A, 43°C	38W	12V	3.6A	180	65	95.00			
739-DA-039-12-020000	DA-039-12-02-00-00	E2	DA Tunnel Series, 40.2W	40.2W	14.7V	4.5A	180	65	91.50			
739-DA-020-12-020000	DA-020-12-02-00-00	F2	19W, 2.7A, 44°C	19W	12V	2.7A	99	65	76.00			
739-DA-024-12-020000	DA-024-12-02-00-00	G1	24W, 2.4A, 48°C	24W	12V	2.4A	80	60	70.65			
739-DA-024-24-020000	DA-024-24-02-00-00	G1	24W, 2.0A, 42°C	24W	24V	2.0A	80	60	71.00			
739-DA-025-12-020000	DA-025-12-02-00-00	G1	25W, 2.5A, 42°C	25W	12V	2.5A	99	65	82.00			
739-DA-044-12-020000	DA-044-12-02-00-00	D1	42W, 3.8A, 46°C	42W	12V	3.8A	120	100	74.04			
739-DA-044-24-020000	DA-044-24-02-00-00	D1	44W, 2.2A, 44°C	44W	24V	2.2A	120	100	74.00			
739-DA-045-12-020000	DA-045-12-02-00-00	H1	48W, 6.1A, 46°C	48W	12V	6.1A	160	92	85.94			
739-DA-045-24-020000	DA-045-24-02-00-00	H1	45W, 2.5A, 50°C	45W	24V	2.5A	160	122	86.34			
739-DA-075-12-020000	DA-075-12-02-00-00	I1	71W, 7.2A, 49°C	71W	12V	7.2A	230	122	85.84			
739-DA-075-24-020000	DA-075-24-02-00-00	I1	71W, 3.7A, 49°C	71W	24V	3.7A	230	122	85.84			
739-DA-115-24-020000	DA-115-24-02-00-00	I1	113W, 5.8A, 47°C	113W	24V	5.8A	300	152	77.94			
739-DA-135-24-020000	DA-135-24-02-00-00	I1	135W, 6.9A, 42°C	135W	24V	6.9A	300	152	93.34			
739-DA-160-24-020000	DA-160-24-02-00-00	I1	160W, 7.4A, 46°C	160W	24V	7.4A	300	134	99.44			
739-DAC035-12-020000	DAC035-12-02-00-00	J1	31W, 4.8A, 54°C	31W	12V	4.8A	160	122	91.00			
739-DAC060-24-020000	DAC060-24-02-00-00	I1	58W, 4.6A, 48°C	58W	24V	4.6A	230	122	91.00			

(LA) LIQUID - AIR - SYSTEM ASSEMBLIES

Liquid-Air assemblies are used to cool or heat a liquid (or gas) flowing through a heat sink. The liquid heat sink is designed for a recirculating system. The heat is absorbed by the liquid heat sink, pumped through the TE modules, and then dissipated to the air by an air heat sink.







For quantities greater than listed, call for quote.												
739-LA-024-24-020000	LA-024-24-02-00-00	K	24W, 2.0A, 42°C	24W	24V	2.0A	80	60	87.00			
739-LA-045-24-020000	LA-045-24-02-00-00	K	47W, 2.8A, 42°C	47W	24V	2.8A	160	120	92.00			

TEMPERATURE CONTROLLERS

Provides temperature control and system functions, including separate fan control, low voltage protection, and alarm.

- Designed for TE Systems
- Check up to five results to perform an action

MOUSER STOCK NO.	Laird Thermal Part No.	Fig.	Description	Output Voltage	Current	Bi-Directional	Temperature Range (°C)	Regulation Type			Price Each		
								1	10	50			
739-TC-14-PR-59	TC-XX-PR-59	L	PC Programmable PID Controller	12-30VDC	15A	Yes	Sensor Dependent	PWM					
739-TC-NTC-1	TC-NTC-1	M	- NTC Sensor for PR-59	-	-	-	-30 to +90	-					
739-TC-AC-MTTC-1410	TC-AC-MTTC-1410	N	Temp Control 140W 10A	3, 7, 12 & 14VDC	8A	No	-100 to 199.9	PWM					
739-TC-18-QC-50	TC-18-QC-50		Thermostatic Controller	12-58VDC	8A	No	-20°C to 50	On/Off					