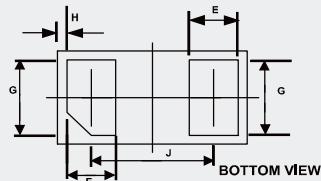
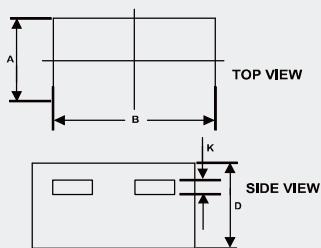
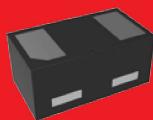


Package Outline

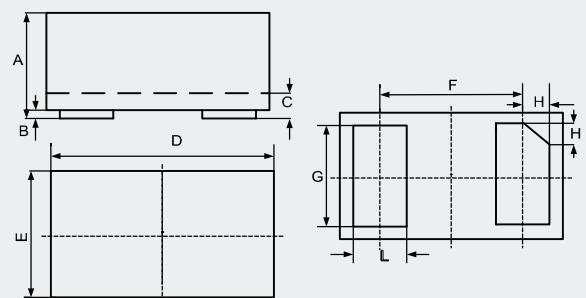
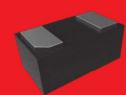
0201



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.011	0.015	0.270	0.370	
B	0.022	0.026	0.570	0.670	
D	0.011	0.013	0.275	0.340	
E	0.005	0.008	0.125	0.195	
G	0.009	0.012	0.225	0.295	
H	0.001		0.030		REF.
J	0.014	0.017	0.365	0.435	
K	0.002		0.050		REF.

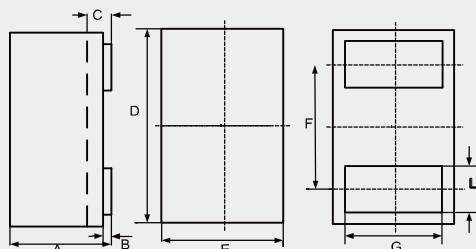
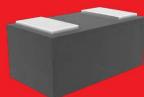
0201-A



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.009	0.013	0.23	0.33	
B	0.000	0.002	0.00	0.05	
C	0.005	0.007	0.12	0.18	
D	0.022	0.026	0.55	0.65	
E	0.010	0.014	0.25	0.35	
F	0.014		0.355		REF.
G	0.008	0.011	0.215	0.275	
H	0.003		0.079		REF.
L	0.006	0.009	0.16	0.22	

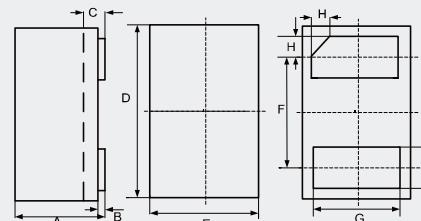
CSP0201



DIMENSIONS

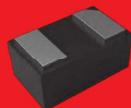
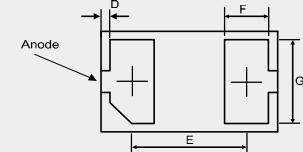
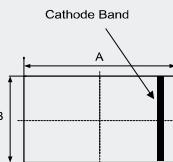
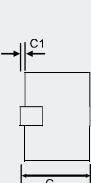
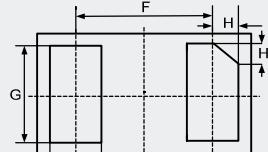
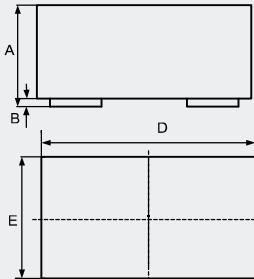
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.008	0.013	0.21	0.33	
B	0.000	0.002	0.00	0.05	
C	0.005	0.007	0.12	0.18	
D	0.022	0.026	0.55	0.65	
E	0.010	0.014	0.25	0.35	
F	0.014		0.355		TYP.
G	0.008	0.011	0.215	0.28	
L	0.006	0.009	0.16	0.22	

CSP1006-2



DIMENSIONS

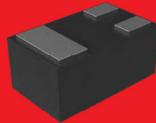
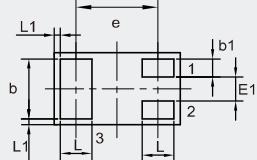
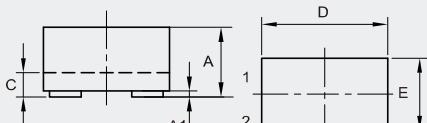
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.002	0.00	0.05	
C	0.005	0.007	0.12	0.18	
D	0.037	0.041	0.95	1.05	
E	0.022	0.026	0.55	0.65	
F	0.026		0.650		TYP.
G	0.018	0.022	0.45	0.55	
H	0.003	0.007	0.07	0.17	
L	0.008	0.012	0.20	0.30	

Package Outline
DFN1006-2**DFN1006-2L**
DIMENSIONS

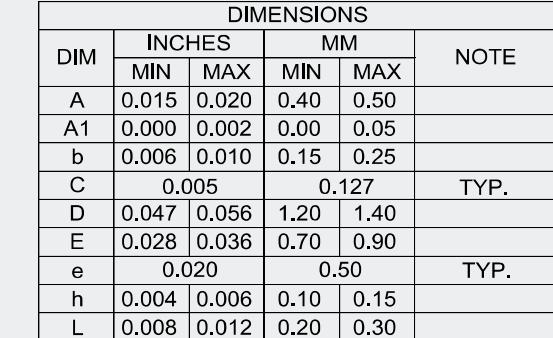
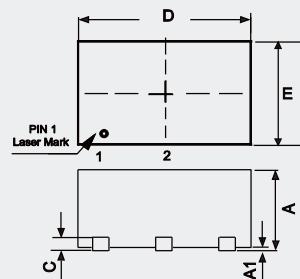
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.013	0.022	0.34	0.55	
B	0.000	0.002	0.00	0.05	
D	0.037	0.043	0.95	1.08	
E	0.022	0.027	0.55	0.68	
F	0.026		0.650		REF.
G	0.016	0.024	0.40	0.60	
H	0.003	0.007	0.07	0.17	
L	0.008	0.012	0.20	0.30	

DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.037	0.041	0.95	1.05	
B	0.022	0.026	0.55	0.65	
C	0.016	0.020	0.40	0.50	
C1	----	0.002	----	0.05	
D	0.0004	0.004	0.01	0.09	
E	0.026		0.65		TYP.
F	0.008	0.012	0.20	0.30	
G	0.018	0.022	0.45	0.55	

DFN1006-3**DFN1308-5**
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
A1	0.000	0.002	0.00	0.05	
b	0.018	0.022	0.45	0.55	
b1	0.004	0.008	0.10	0.20	
c	0.005	0.007	0.12	0.18	
D	0.037	0.042	0.95	1.075	
E	0.022	0.026	0.55	0.675	
E1	0.006	0.010	0.15	0.25	
e	0.026		0.65		TYP.
L	0.008	0.012	0.20	0.30	
L1	0.0002		0.05		TYP.

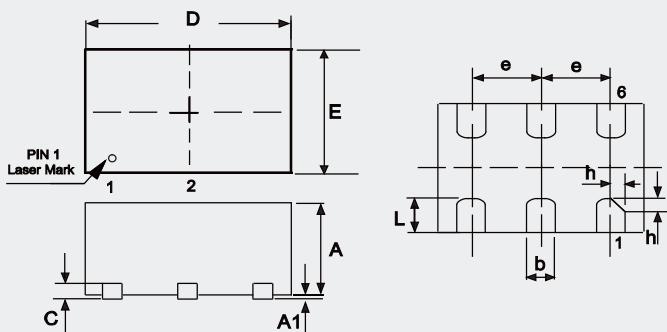

DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.015	0.020	0.40	0.50	
A1	0.000	0.002	0.00	0.05	
b	0.006	0.010	0.15	0.25	
C	0.005		0.127		TYP.
D	0.047	0.056	1.20	1.40	
E	0.028	0.036	0.70	0.90	
e	0.020		0.50		TYP.
h	0.004	0.006	0.10	0.15	
L	0.008	0.012	0.20	0.30	

Package Outline

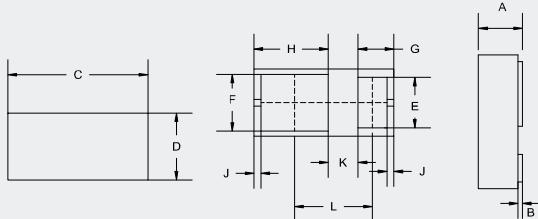
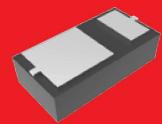
Package Outline

DFN1510-6



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.020	0.024	0.50	0.60	
A1	0.000	0.002	0.00	0.05	
b	0.006	0.010	0.15	0.25	
C	0.006		0.15		TYP.
D	0.055	0.063	1.40	1.60	
E	0.035	0.043	0.90	1.10	
e	0.020		0.50		TYP.
h	0.004	0.006	0.10	0.15	
L	0.014	0.018	0.35	0.45	

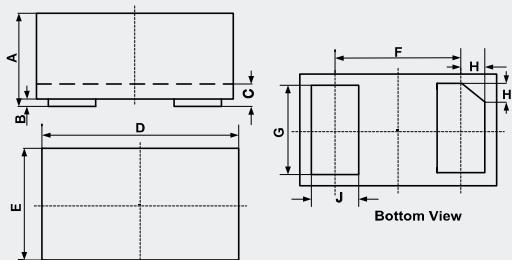
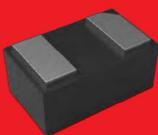
DFN1608-2



DIMENSIONS

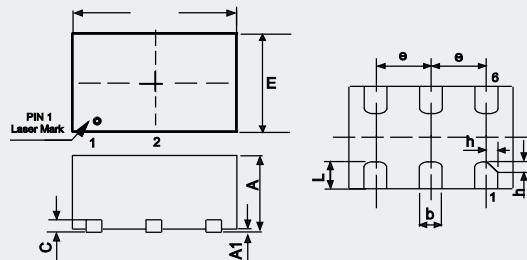
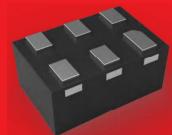
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.004	0.01	0.09	
C	0.061	0.065	1.55	1.65	
D	0.030	0.033	0.75	0.85	
E	0.020	0.027	0.52	0.68	
F	0.024	0.030	0.60	0.76	
G	0.016		0.41		REF.
H	0.033		0.85		REF.
J	0.003		0.08		REF.
K	0.013		0.34		REF.
L	0.035	0.039	0.90	1.00	

DFN1610-2



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.002	0.00	0.05	
C	0.004	0.008	0.10	0.20	
D	0.062	0.066	1.55	1.65	
E	0.038	0.042	0.95	1.05	
F	0.044		1.10		TYP.
G	0.030	0.034	0.75	0.85	
H	0.006	0.010	0.15	0.25	
J	0.014	0.018	0.35	0.45	

DFN1610-6



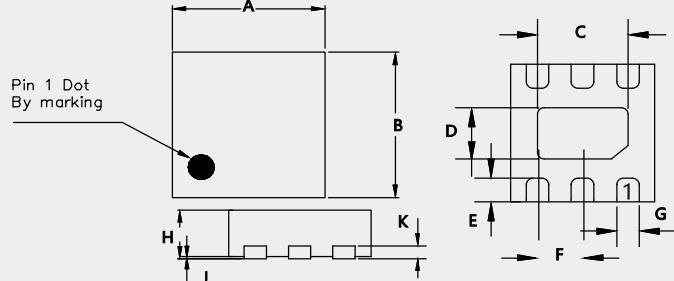
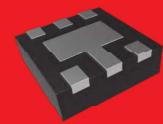
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.028	0.032	0.70	0.80	
A1	0.000	0.002	0.00	0.05	
b	0.006	0.010	0.17	0.25	
c	0.006	0.010	0.15	0.25	
D	0.061	0.065	1.55	1.65	
E	0.035	0.043	0.90	1.10	
L	0.008	0.012	0.20	0.30	
e	0.020		0.50		TYP.
h	0.003	0.005	0.08	0.12	

Package Outline

DFN1616-6

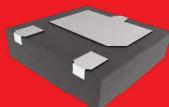


DFN1616-6L

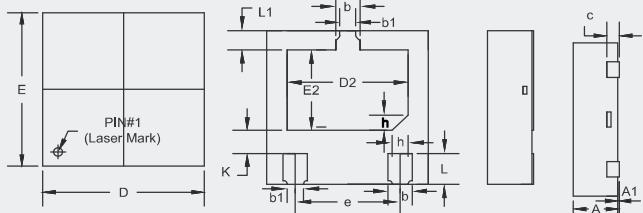
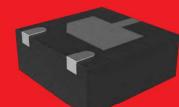


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.061	0.065	1.55	1.65	
B	0.061	0.065	1.55	1.65	
C	0.035	0.041	0.90	1.05	
D	0.020	0.026	0.50	0.65	
E	0.008	0.012	0.20	0.30	
F	0.020		0.50		TYP.
G	0.008	0.012	0.20	0.30	
H	0.020	0.024	0.50	0.60	
J	0.000	0.002	0.00	0.05	
K	0.006		0.15		TYP.

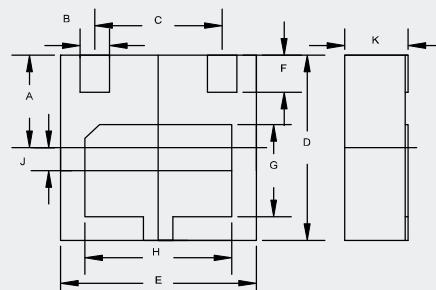
DFN2020-3A



DFN2020-3L



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.020	0.024	0.50	0.60	
A1	0.000	0.002	0.00	0.05	
b	0.010	0.014	0.25	0.35	
b1	0.008		0.20		TYP.
c	0.006		0.15		TYP.
D	0.075	0.083	1.90	2.10	
D2	0.055	0.063	1.40	1.60	
e	0.051		1.30		TYP.
E	0.075	0.083	1.90	2.10	
E2	0.037	0.045	0.95	1.15	
L	0.014	0.018	0.35	0.45	
L1	0.008	0.012	0.20	0.30	
h	0.008		0.20		TYP.
K	0.008	0.016	0.20	0.40	

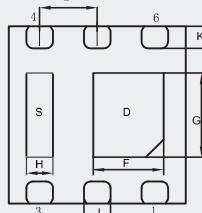
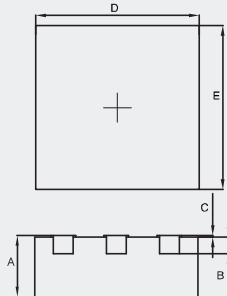
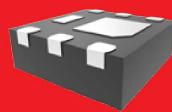


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.037	0.041	0.950	1.050	
B	0.010	0.014	0.250	0.350	
C	0.051		1.30		TYP.
D	0.075	0.083	1.900	2.100	
E	0.075	0.083	1.900	2.100	
F	0.014	0.018	0.350	0.450	
G	0.035	0.043	0.900	1.100	
H	0.055	0.063	1.400	1.600	
J	0.008	0.012	0.200	0.300	
K	-	0.026	-	0.650	

Package Outline

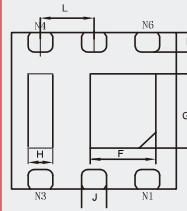
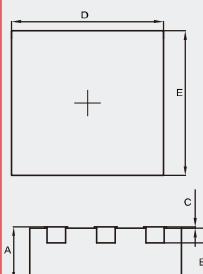
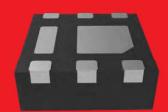
Package Outline

DFN2020-6J



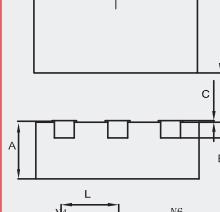
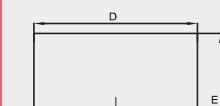
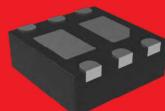
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.030	0.034	0.750	0.850	
B	0.008		0.200		BSC.
C	0.000	0.004	0.000	0.100	
D	0.075	0.083	1.900	2.100	
E	0.075	0.083	1.900	2.100	
F	0.024	0.031	0.610	0.810	
G	0.028	0.036	0.710	0.910	
H	0.008	0.016	0.200	0.400	
J	0.008	0.016	0.200	0.400	
K	0.006	0.014	0.150	0.350	
L	0.026		0.650		BSC.

DFN2020-6JA



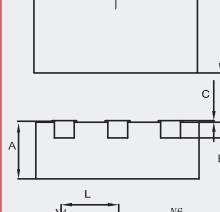
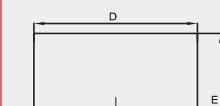
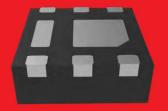
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.028	0.032	0.700	0.800	
B	0.006		0.150		REF.
C	0.000	0.002	0.000	0.050	
D	0.077	0.081	1.950	2.050	
E	0.077	0.081	1.950	2.050	
F	0.024	0.031	0.610	0.810	
G	0.028	0.036	0.710	0.910	
H	0.008	0.016	0.200	0.400	
J	0.010	0.014	0.250	0.350	
K	0.008	0.012	0.200	0.300	
L	0.026		0.650		TYP.

DFN2020-6L



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.030	0.034	0.750	0.850	
B	0.008		0.200		TYP.
C	0.000	0.002	0.000	0.050	
D	0.077	0.081	1.950	2.050	
E	0.077	0.081	1.950	2.050	
F	0.017	0.027	0.440	0.690	
G	0.033	0.043	0.840	1.090	
H	0.010	0.014	0.250	0.350	
J	0.007	0.015	0.175	0.375	
K	0.010	0.014	0.250	0.350	
L	0.026		0.650		TYP.

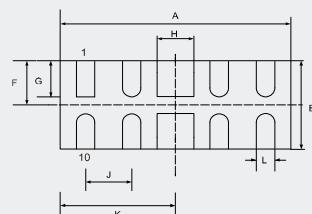
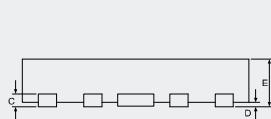
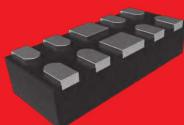
DFN2020-6LE



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.028	0.035	0.700	0.900	
B	0.008		0.200		REF.
C	0.000	0.004	0.000	0.100	
D	0.075	0.083	1.900	2.100	
E	0.075	0.083	1.900	2.100	
F	0.024	0.031	0.610	0.810	
G	0.028	0.036	0.710	0.910	
H	0.008	0.016	0.200	0.400	
J	0.008	0.016	0.200	0.400	
K	0.006	0.014	0.150	0.350	
L	0.026		0.650		TYP.

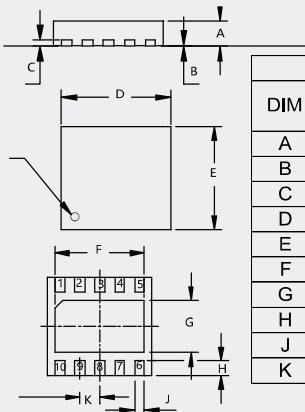
Package Outline

DFN-10



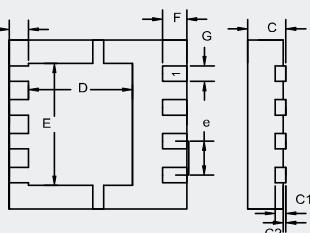
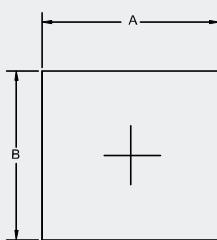
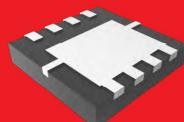
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.094	0.102	2.40	2.60	
B	0.035	0.043	0.90	1.10	
C	0.005		0.13		TYP.
D	0.000	0.002	0.00	0.05	
E	0.020	0.026	0.50	0.65	
F	0.017	0.022	0.45	0.55	
G	0.012	0.017	0.30	0.425	
H	0.014	0.018	0.35	0.45	
J	0.020		0.50		TYP.
K	0.047	0.056	1.20	1.30	
L	0.006	0.010	0.15	0.25	

DFN2626-10



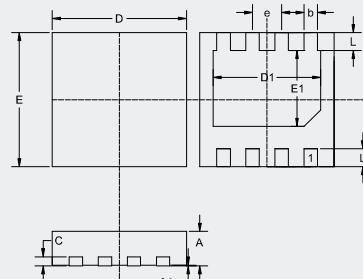
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.020	0.024	0.50	0.60	
B	0.000	0.002	0.00	0.05	
C	0.007		0.17		TYP.
D	0.098	0.106	2.50	2.70	
E	0.098	0.106	2.50	2.70	
F	0.079	0.089	2.00	2.25	
G	0.044	0.054	1.11	1.36	
H	0.012	0.016	0.30	0.40	
J	0.008	0.012	0.20	0.30	
K	0.020		0.50		TYP.

DFN3333



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.126	0.130	3.20	3.30	
B	0.126	0.130	3.20	3.30	
C	0.030	0.033	0.75	0.85	
C1	0.007	0.009	0.18	0.22	
C2	---	0.002	---	0.05	
D	0.071	0.079	1.80	2.00	
E	0.087	0.098	2.20	2.50	
F	0.016	0.020	0.40	0.50	
G	0.010	0.014	0.25	0.35	
H	0.012	0.016	0.30	0.40	
e	0.024	0.028	0.60	0.70	

DFN3333-8

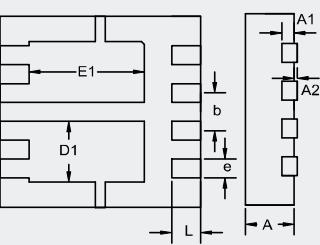
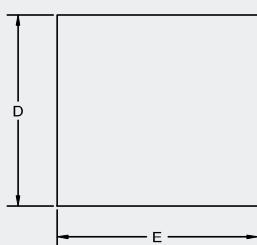
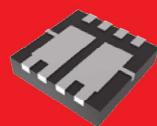


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.028	0.031	0.70	0.80	
A1	0.000	0.002	0.00	0.05	
C	0.008		0.20		TYP.
b	0.010	0.014	0.25	0.35	
D	0.130		3.30		TYP.
E	0.130		3.30		TYP.
e	0.026		0.65		TYP.
D1	0.100	0.110	2.55	2.80	
E1	0.065	0.074	1.64	1.89	
L	0.013	0.021	0.325	0.525	

Package Outline

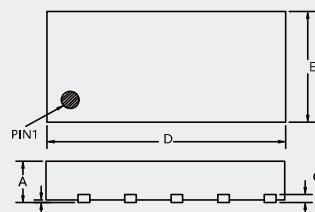
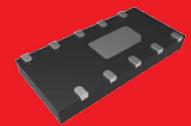
Package Outline

DFN3333-D



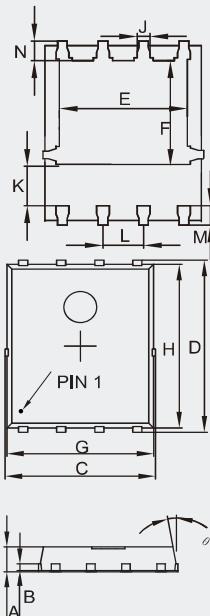
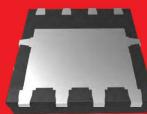
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.030	0.033	0.750	0.850	
A1	0.008		0.200		TYP.
A2	-	0.002	-	0.050	
D	0.128	0.132	3.250	3.350	
E	0.128	0.132	3.250	3.350	
D1	0.039	0.043	1.000	1.100	
E1	0.073	0.077	1.850	1.950	
b	0.026		0.650		BSC
e	0.012	0.014	0.300	0.350	
L	0.017	0.021	0.425	0.525	

DFN4120-10



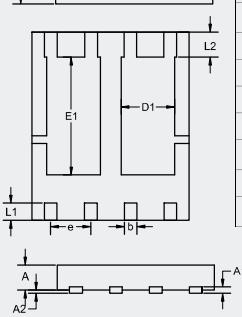
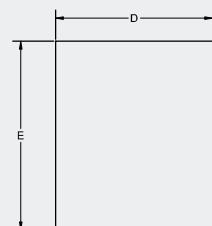
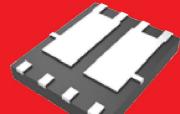
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.020	0.024	0.50	0.60	
B	0.000	0.002	0.00	0.05	
C	0.006		0.150		TYP.
D	0.162	0.166	4.05	4.15	
E	0.075	0.082	1.95	2.05	
F	0.008		0.200		TYP.
G	0.006	0.010	0.15	0.25	
H	0.050	0.060	1.25	1.50	
I	0.026	0.036	0.65	0.90	
J	0.016		0.40		TYP.
K	0.032		0.80		TYP.
L	0.008	0.016	0.20	0.40	
M	0.010		0.25		TYP.

DFN5060

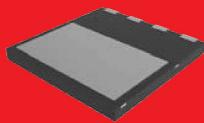
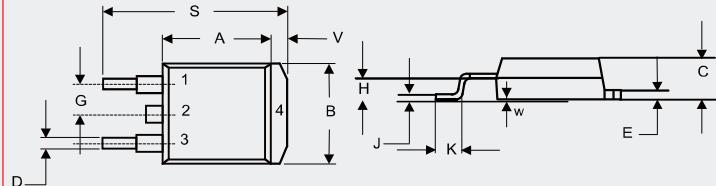
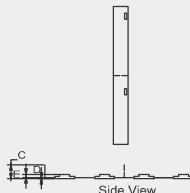
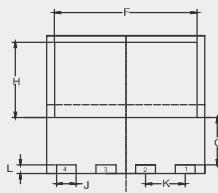
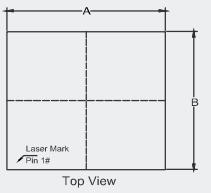


DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.031	0.047	0.80	1.20	
B	0.010		0.254		TYP.
C	0.193	0.222	4.90	5.64	
D	0.232	0.250	5.90	6.35	
E	0.148	0.167	3.75	4.25	
F	0.126	0.154	3.20	3.92	
G	0.189	0.213	4.80	5.40	
H	0.222	0.239	5.65	6.06	
K	0.045	0.059	1.15	1.50	
J	0.012	0.020	0.30	0.50	
L	0.046	0.054	1.17	1.37	
M	0.012	0.028	0.30	0.71	
N	0.016	0.028	0.40	0.71	

DFN5060-8D



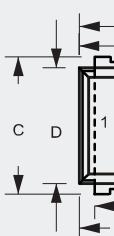
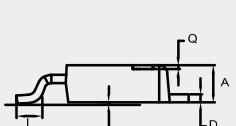
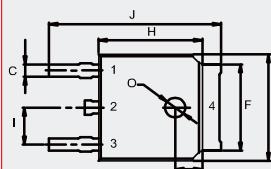
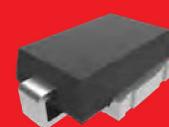
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
D	0.193	0.201	4.90	5.10	
E	0.232	0.240	5.90	6.10	
A	0.028	0.035	0.70	0.90	
A1	0.008		0.20		BSC
A2	0.000	0.004	0.00	0.10	
D1	0.063	0.071	1.60	1.80	
E1	0.144	0.152	3.65	3.85	
L1	0.018	0.026	0.45	0.65	
L2	0.031		0.80		BSC
b	0.012	0.020	0.30	0.50	
e	0.050		1.27		BSC

Package Outline
DFN8080A**D²-PAK**
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.311	0.319	7.90	8.10	
B	0.311	0.319	7.90	8.10	
C	0.030	0.037	0.75	0.95	
D	0.000	0.002	0.00	0.05	
E	0.004	0.012	0.10	0.30	
F	0.280	0.287	7.10	7.30	
G	0.104	0.112	2.65	2.85	
H	0.167	0.175	4.25	4.45	
J	0.035	0.043	0.90	1.10	
K	0.079		2.00		BSC
L	0.016	0.024	0.40	0.60	

DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.331	0.370	8.40	9.40	
B	0.378	0.417	9.60	10.60	
C	0.165	0.189	4.20	4.80	
D	0.027	0.037	0.68	0.94	
E	0.045	0.055	1.14	1.40	
G	0.010		2.54		TYP.
H	0.096	0.134	2.43	3.40	
J	0.011	0.025	0.28	0.64	
K	0.071	0.131	1.80	3.32	
S	0.575	0.625	14.60	15.87	
V	0.042	0.058	1.07	1.47	
W	0.000	0.010	0.00	0.25	

DPAK**DO-218AB**

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.087	0.094	2.20	2.40	
B	0.000	0.005	0.00	0.13	
C	0.026	0.034	0.66	0.86	
D	0.018	0.023	0.46	0.58	
E	0.256	0.264	6.50	6.70	
F	0.201	0.215	5.10	5.46	
G	0.190		4.83		TYP.
H	0.236	0.244	6.00	6.20	
I	0.086	0.094	2.18	2.39	
J	0.386	0.409	9.80	10.40	
K	0.114		2.90		TYP.
L	0.055	0.067	1.40	1.70	
M	0.063		1.60		TYP.
O	0.043	0.051	1.10	1.30	
Q	0.000	0.012	0.00	0.30	
V	0.211		5.35		TYP.

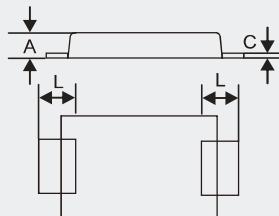
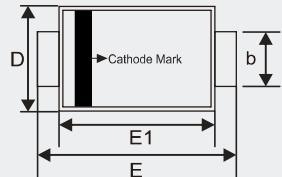
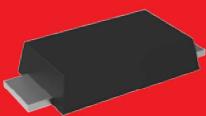
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.590	0.630	15.00	16.00	
B	0.524	0.539	13.30	13.70	
C	0.374	0.413	9.50	10.50	
D	0.323	0.339	8.20	8.60	
E	0.091	0.114	2.30	2.90	
F	0.343	0.366	8.70	9.30	
G	0.382	0.406	9.70	10.30	
H	0.189	0.205	4.80	5.20	
J	0.098	0.138	2.50	3.50	
K	0.067	0.106	1.70	2.70	
L	0.020	0.028	0.50	0.70	

Package Outline

Package Outline

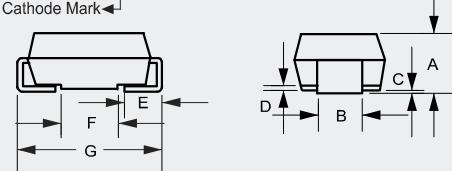
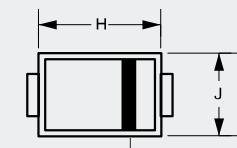
DO-221AC



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.035	0.049	0.90	1.25	
B	0.049	0.065	1.25	1.65	
C	0.004	0.016	0.10	0.40	
D	0.089	0.116	2.25	2.95	
E	0.173	0.220	4.40	5.60	
E1	0.126	0.181	3.20	4.60	
L	0.020	0.059	0.50	1.50	

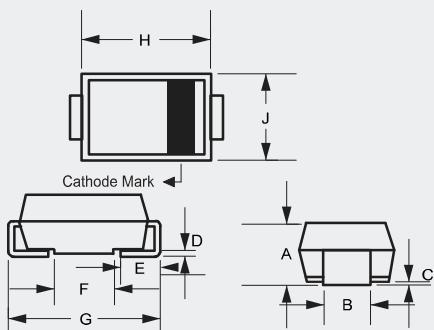
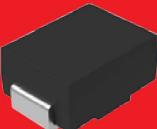
SMA



DIMENSIONS

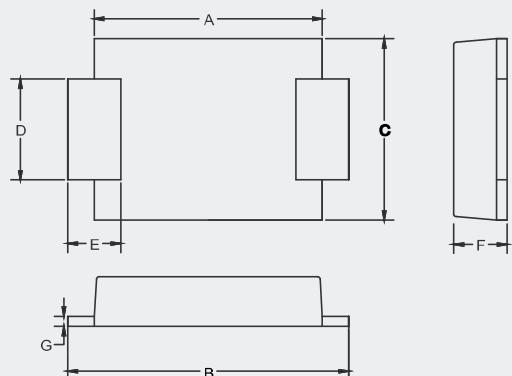
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.075	0.096	1.90	2.44	
B	0.050	0.064	1.27	1.63	
C	0.002	0.008	0.051	0.203	
D	---	0.020	---	0.51	
E	0.030	0.060	0.76	1.52	
F	0.065	0.091	1.65	2.32	
G	0.189	0.220	4.80	5.59	
H	0.157	0.187	4.00	4.75	
J	0.090	0.115	2.25	2.92	

SMB

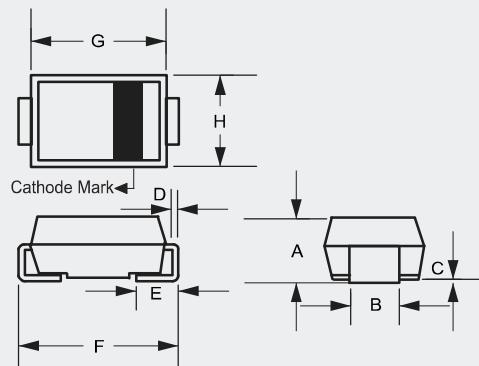
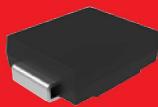


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.079	0.103	2.00	2.62	
B	0.075	0.087	1.91	2.21	
C	0.002	0.008	0.05	0.20	
D	0.006	0.012	0.15	0.31	
E	0.030	0.060	0.76	1.52	
F	0.065	0.091	1.65	2.32	
G	0.200	0.220	5.08	5.59	
H	0.160	0.191	4.06	4.85	
J	0.130	0.155	3.30	3.94	

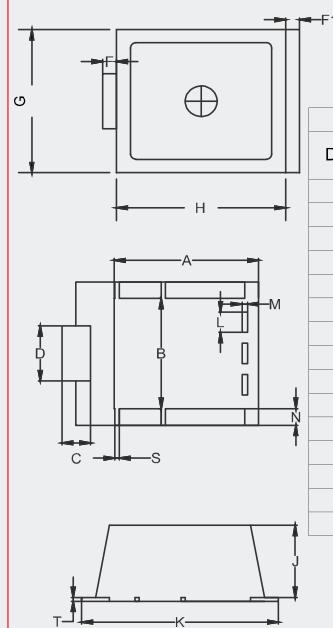
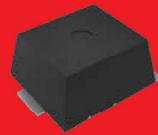
SMBF



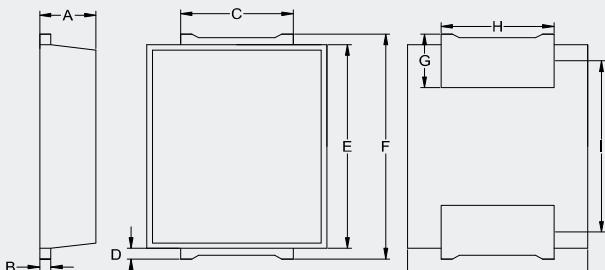
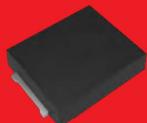
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.150	0.165	3.80	4.20	
B	0.197	0.213	5.00	5.40	
C	0.130	0.146	3.30	3.70	
D	0.073	0.085	1.85	2.15	
E	0.018	0.037	0.45	0.95	
F	0.045	0.055	1.15	1.40	
G	0.008	0.014	0.20	0.35	

Package Outline
SMC

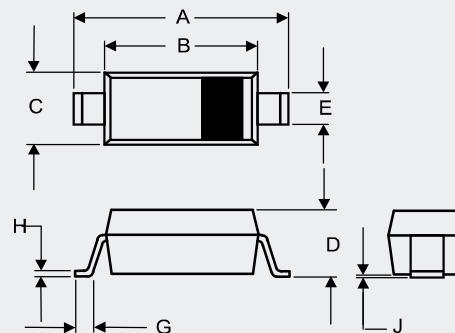
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.079	0.103	2.00	2.62	
B	0.108	0.128	2.75	3.25	
C	0.002	0.008	0.051	0.203	
D	0.006	0.012	0.152	0.305	
E	0.030	0.060	0.76	1.52	
F	0.305	0.320	7.75	8.13	
G	0.260	0.280	6.60	7.11	
H	0.220	0.245	5.59	6.22	

SME

DIM	DIMENSIONS				NOTE
	INCHES		MM		
MIN	MAX	MIN	MAX		
A	0.518	0.542	13.16	13.76	
B	0.415	0.435	10.55	11.05	
C	0.098	0.114	2.50	2.90	
D	0.203	0.222	5.15	5.65	
F	0.047	0.055	1.20	1.40	
F1	0.047	0.055	1.20	1.40	
G	0.530	0.575	13.45	14.60	
H	0.610	0.632	15.50	16.05	
J	0.273	0.285	6.94	7.24	
K	0.713	0.728	18.10	18.50	
L	0.075	0.083	1.90	2.10	
M	0.016	0.024	0.40	0.60	
N	0.055	0.063	1.40	1.60	
T	0.013	0.017	0.33	0.43	
S	0.014	0.018	0.35	0.45	

SMG

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.096	0.100	2.45	2.55	
B	0.018	0.022	0.45	0.55	
C	0.193	0.201	4.90	5.10	
D	0.016	0.024	0.40	0.60	
E	0.370	0.378	9.40	9.60	
F	0.406	0.421	10.30	10.70	
G	0.094	0.102	2.40	2.60	
H	0.193	0.201	4.90	5.10	
J	0.311	0.319	7.90	8.10	
I	0.311	0.319	7.90	8.10	

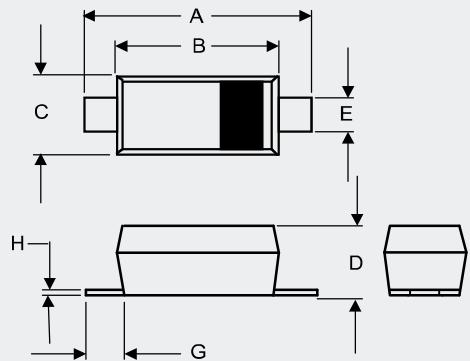
SOD-123

DIM	DIMENSIONS				NOTE
	INCHES		MM		
MIN	MAX	MIN	MAX		
A	0.140	0.152	3.55	3.85	
B	0.100	0.112	2.55	2.85	
C	0.055	0.071	1.40	1.80	
D	----	0.053	----	1.35	
E	0.018	0.026	0.45	0.65	
G	0.006	----	0.15	----	
H	----	0.010	----	0.25	
J	----	0.006	----	0.15	

Package Outline

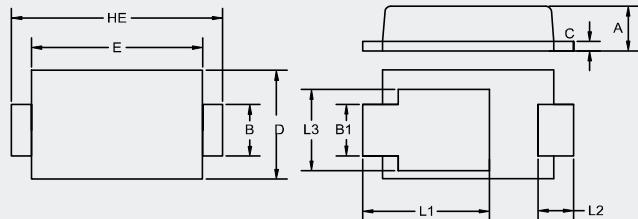
Package Outline

SOD-123FL



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.130	0.152	3.30	3.85	
B	0.100	0.122	2.55	3.10	
C	0.055	0.075	1.40	1.90	
D	0.035	0.053	0.90	1.35	
E	0.020	0.041	0.50	1.05	
G	0.010	---	0.25	---	
H	---	0.010	---	0.25	

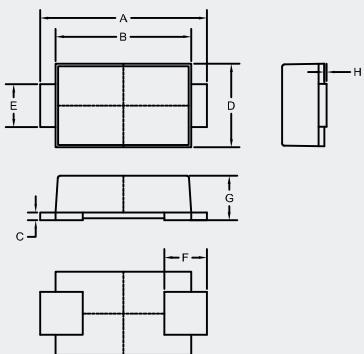
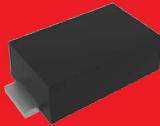
SOD-123HE1



DIMENSIONS

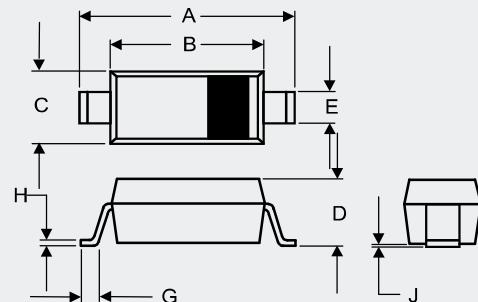
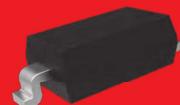
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.030	0.035	0.75	0.90	
B	0.033	0.041	0.85	1.05	
B1	0.033	0.041	0.85	1.05	
C	0.004	0.010	0.10	0.25	
D	0.075	0.083	1.90	2.10	
E	0.114	0.122	2.90	3.10	
L1	0.079	0.096	2.00	2.45	
L2	0.016	0.033	0.40	0.85	
L3	0.051	0.067	1.30	1.70	
HE	0.138	0.154	3.50	3.90	

SOD-123TFL



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.138	0.154	3.50	3.90	
B	0.114	0.122	2.90	3.10	
C	0.004	0.010	0.10	0.25	
D	0.067	0.079	1.70	2.00	
E	0.033	0.041	0.85	1.05	
F	0.017	0.033	0.43	0.83	
G	0.035	0.043	0.90	1.08	
H	0.000	0.004	0.00	0.10	

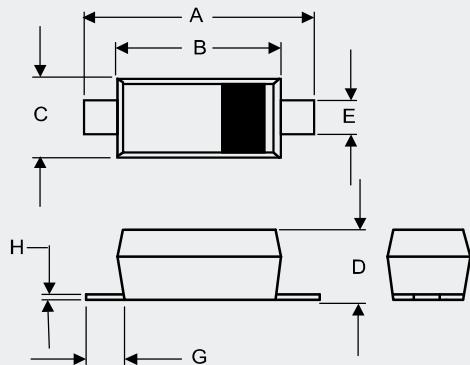
SOD-323



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.090	0.107	2.30	2.70	
B	0.063	0.071	1.60	1.80	
C	0.045	0.053	1.15	1.35	
D	0.031	0.045	0.80	1.15	
E	0.010	0.016	0.25	0.40	
G	0.004	0.018	0.10	0.45	
H	0.004	0.010	0.10	0.25	
J	----	0.006	----	0.15	

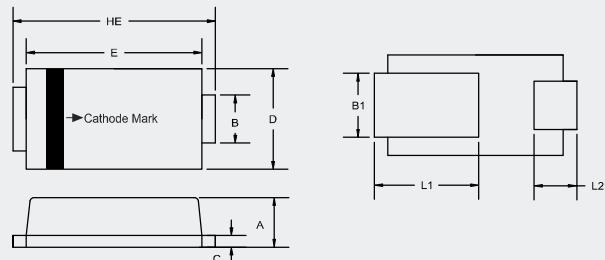
Package Outline

SOD-323FL



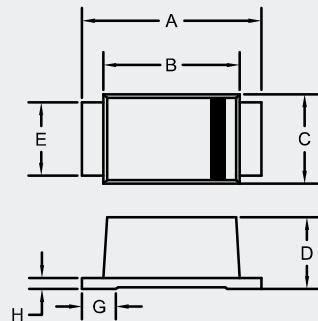
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.090	0.107	2.30	2.70	
B	0.063	0.078	1.60	1.95	
C	0.045	0.053	1.15	1.35	
D	0.024	0.035	0.60	0.90	
E	0.010	0.016	0.25	0.40	
G	0.016		0.40		TYP.
H	0.002	0.008	0.05	0.21	

SOD-323HE



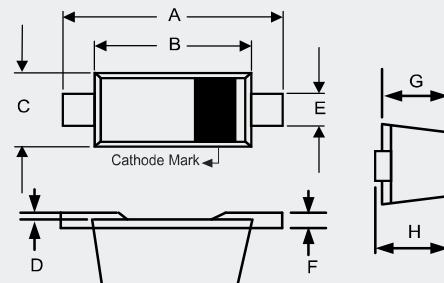
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.022	0.030	0.550	0.750	
B	0.021	0.029	0.530	0.730	
B1	0.028	0.036	0.720	0.920	
C	0.004	0.010	0.100	0.250	
D	0.047	0.055	1.200	1.400	
E	0.081	0.089	2.050	2.250	
L1	0.047	0.055	1.200	1.400	
L2	0.016	0.024	0.400	0.600	
HE	0.094	0.102	2.400	2.600	

SOD-323HL



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.091	0.106	2.30	2.70	
B	0.067	0.083	1.70	2.10	
C	0.041	0.057	1.05	1.45	
D	0.031	0.047	0.80	1.20	
E	0.035	0.045	0.90	1.15	
G	0.010	0.028	0.25	0.70	
H	0.002	0.010	0.05	0.25	

SOD-523

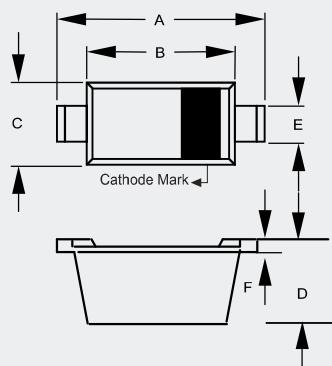


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.059	0.067	1.50	1.70	
B	0.043	0.051	1.10	1.30	
C	0.030	0.033	0.75	0.85	
D	0.000	0.003	0.00	0.07	
E	0.010	0.014	0.25	0.35	
F	0.003	0.008	0.08	0.20	
G	0.020	0.026	0.50	0.65	
H	0.020	0.026	0.50	0.65	

Package Outline

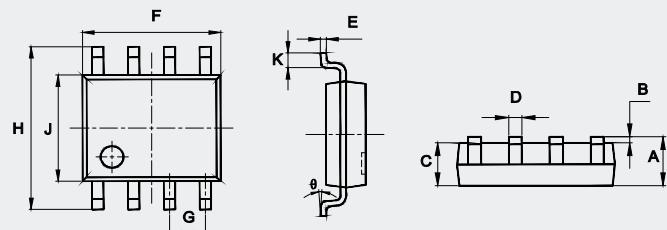
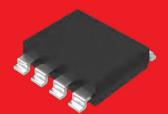
Package Outline

SOD-923



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.037	0.041	0.95	1.05	
B	0.030	0.033	0.75	0.85	
C	0.022	0.026	0.55	0.65	
D	0.014	0.017	0.36	0.43	
E	0.006	0.010	0.15	0.25	
F	0.003	0.007	0.07	0.17	

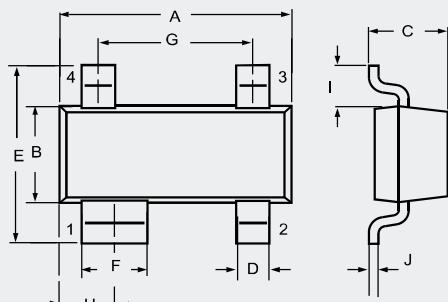
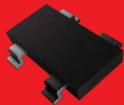
SOP-8



DIMENSIONS

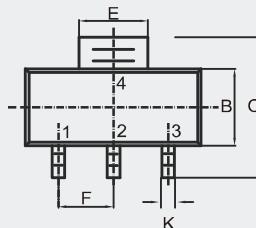
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.053	0.069	1.35	1.75	
B	0.004	0.010	0.10	0.25	
C	0.053	0.061	1.35	1.55	
D	0.013	0.020	0.33	0.51	
E	0.007	0.010	0.17	0.25	
F	0.185	0.200	4.70	5.10	
G	0.050		1.270		TYP.
H	0.228	0.244	5.80	6.20	
J	0.150	0.157	3.80	4.00	
K	0.016	0.050	0.40	1.27	
θ	0°	8°	0°	8°	

SOT-143



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.110	0.120	2.80	3.04	
B	0.047	0.055	1.20	1.39	
C	0.031	0.048	0.80	1.22	
D	0.011	0.020	0.30	0.51	
E	0.082	0.104	2.10	2.64	
F	0.029	0.037	0.76	0.94	
G	0.070	0.080	1.78	2.03	
H	0.028	0.033	0.72	0.83	
I	0.015	0.024	0.40	0.60	
J	0.003	0.008	0.08	0.20	

SOT-223



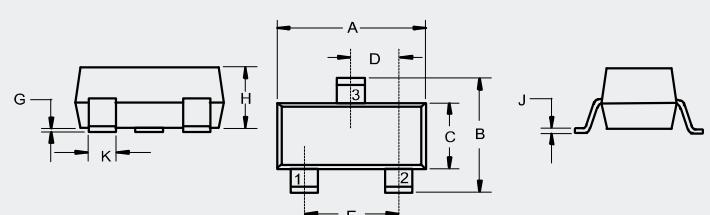
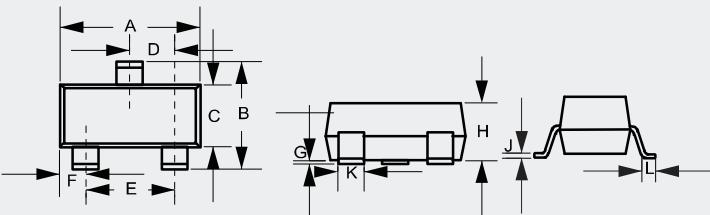
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.248	0.264	6.30	6.70	
B	0.130	0.146	3.30	3.70	
C	0.264	0.287	6.70	7.30	
D	0.001	0.004	0.02	0.10	
E	0.114	0.122	2.90	3.10	
F	0.091		2.30		TYP.
G	---	0.071	---	1.80	
H	0.009	0.014	0.23	0.35	
J	0.030	---	0.75	---	
K	0.026	0.033	0.66	0.84	

Package Outline

SOT-23



SOT-23-3L



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.110	0.120	2.80	3.04	
B	0.083	0.104	2.10	2.64	
C	0.047	0.055	1.20	1.40	
D	0.034	0.041	0.85	1.05	
E	0.067	0.083	1.70	2.10	
F	0.018	0.024	0.45	0.60	
G	0.0004	0.006	0.01	0.15	
H	0.035	0.043	0.90	1.10	
J	0.003	0.007	0.08	0.18	
K	0.012	0.020	0.30	0.51	
L	0.007	0.020	0.20	0.50	

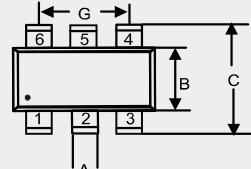
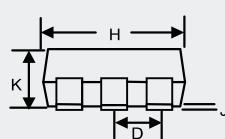
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.113	0.117	2.87	2.97	
B	0.108	0.112	2.75	2.85	
C	0.061	0.065	1.55	1.65	
D	0.036	0.038	0.914	0.965	
E	0.073	0.077	1.85	1.95	
G	0.0016	0.0039	0.04	0.100	
H	0.044	0.049	1.12	1.25	
J	0.006	0.007	0.14	0.17	
K	0.013	0.015	0.34	0.37	

SOT23-6L



SOT-323



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.012	0.020	0.30	0.50	
B	0.051	0.070	1.30	1.80	
C	0.087	0.126	2.20	3.20	
D	0.037		0.95		TYP.
G	0.074		1.90		TYP.
H	0.106	0.122	2.70	3.10	
J	0.002	0.006	0.05	0.15	
K	0.030	0.051	0.75	1.30	
L	0.012	0.024	0.30	0.60	
M	0.003	0.008	0.08	0.22	



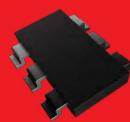
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.071	0.087	1.80	2.20	
B	0.045	0.053	1.15	1.35	
C	0.083	0.096	2.10	2.45	
D	0.026		0.65		TYP.
E	0.047	0.055	1.20	1.40	
F	0.012	0.016	0.30	0.40	
G	0.000	0.004	0.00	0.10	
H	0.035	0.044	0.90	1.10	
J	0.002	0.010	0.05	0.25	
K	0.006	0.016	0.15	0.40	
L	0.010	0.018	0.26	0.46	

Package Outline

Package Outline

SOT-363



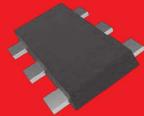
SOT-523



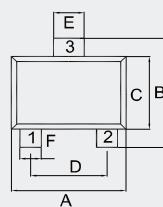
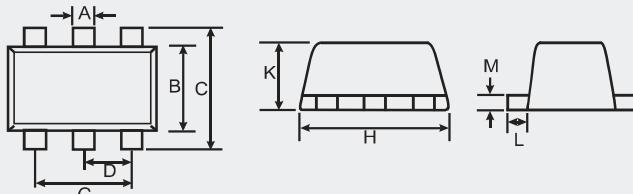
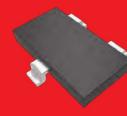
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.006	0.014	0.15	0.35	
B	0.045	0.053	1.15	1.35	
C	0.079	0.096	2.00	2.45	
D	0.026		0.65		TYP.
G	0.047	0.055	1.20	1.40	
H	0.071	0.087	1.80	2.20	
J	-----	0.004	-----	0.10	
K	0.031	0.043	0.80	1.10	
L	0.010	0.018	0.26	0.46	
M	0.003	0.006	0.08	0.15	

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.059	0.067	1.50	1.70	
B	0.030	0.033	0.75	0.85	
C	0.057	0.069	1.45	1.75	
D	0.020		0.50		TYP.
E	0.035	0.043	0.90	1.10	
G	0.000	0.004	0.00	0.10	
H	0.028	0.031	0.70	0.80	
J	0.004	0.008	0.10	0.20	
K	0.006	0.014	0.15	0.35	

SOT-563



SOT-723

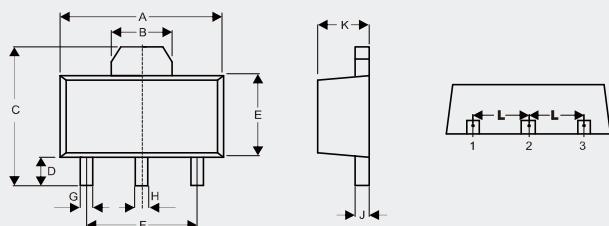
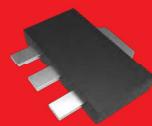


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.006	0.011	0.15	0.30	
B	0.043	0.051	1.10	1.30	
C	0.059	0.067	1.50	1.70	
D	0.020		0.50		TYP.
G	0.035	0.043	0.90	1.10	
H	0.059	0.067	1.50	1.70	
K	0.020	0.023	0.52	0.60	
L	0.004	0.011	0.10	0.30	
M	0.004	0.007	0.10	0.18	

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.043	0.051	1.10	1.30	
B	0.043	0.051	1.10	1.30	
C	0.028	0.035	0.70	0.90	
D	0.031		0.80		TYP.
E	0.009	0.017	0.22	0.42	
F	0.005	0.013	0.12	0.32	
G	0.000	0.002	0.00	0.05	
H	0.017	0.021	0.43	0.54	
J	0.003	0.006	0.08	0.15	

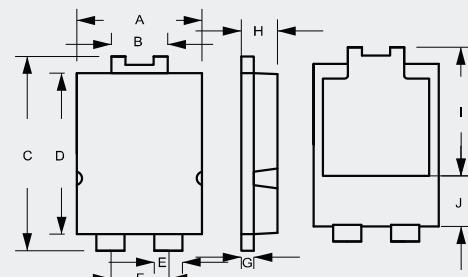
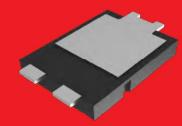
Package Outline

SOT-89



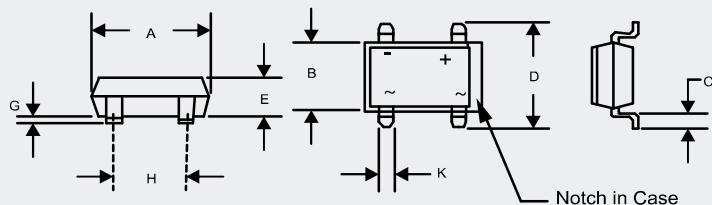
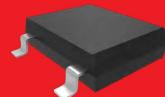
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.169	0.185	4.30	4.70	
B	0.061		1.55		TYP.
C	0.154	0.171	3.91	4.35	
D	0.031	0.047	0.80	1.20	
E	0.089	0.104	2.25	2.65	
F	0.118		3.00		TYP.
G	0.013	0.020	0.33	0.52	
H	0.015	0.021	0.38	0.53	
J	0.014	0.017	0.35	0.44	
K	0.055	0.063	1.40	1.60	
L	0.059		1.50		TYP.

TO-277



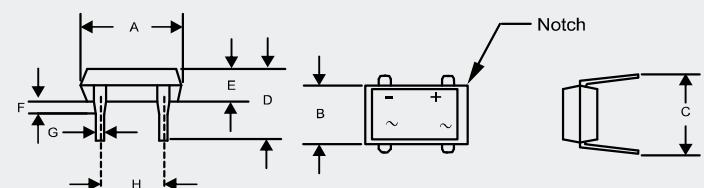
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.154	0.161	3.90	4.10	
B	0.067	0.075	1.70	1.90	
C	0.252	0.260	6.40	6.60	
D	0.209	0.217	5.30	5.50	
E	0.031	0.039	0.80	1.00	
F	0.071	0.075	1.80	1.90	
G	0.014	0.018	0.35	0.45	
H	0.043	0.047	1.10	1.20	
I	0.161	0.177	4.10	4.50	
J	0.059	0.075	1.50	1.90	

SDB-1



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.316	0.335	8.05	8.51	
B	0.245	0.255	6.20	6.50	
C	0.040	0.060	1.02	1.50	
D	0.360	0.410	9.40	10.40	
E	0.102	0.130	2.60	3.30	
G	0.003	0.013	0.076	0.33	
H	0.195	0.205	5.00	5.20	
K	0.038	0.047	1.00	1.20	

DB-1

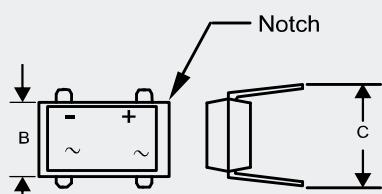
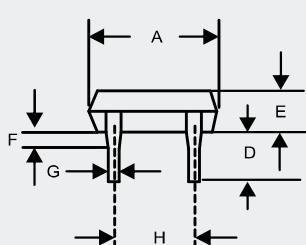


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.316	0.335	8.05	8.51	
B	0.245	0.255	6.20	6.50	
C	0.300	0.350	7.60	8.90	
D	0.236	0.299	6.01	7.60	
E	0.102	0.130	2.60	3.30	
F	0.060		1.50		TYP.
G	0.016	0.022	0.41	0.56	TYP.
H	0.195	0.205	5.00	5.20	

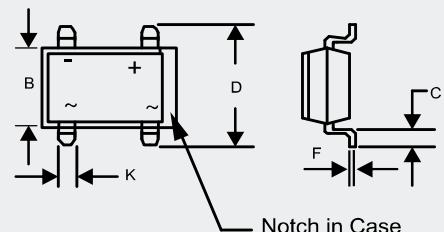
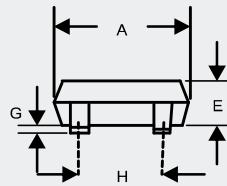
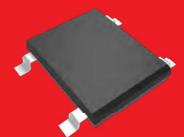
Package Outline

Package Outline

DBL-1



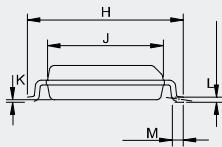
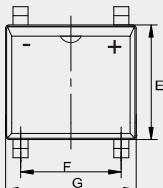
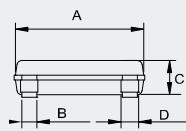
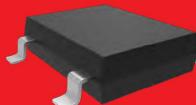
SDBL-1



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.316	0.335	8.05	8.51	
B	0.245	0.255	6.20	6.50	
C	0.300	0.350	7.60	8.90	
D	0.150	0.185	3.81	4.69	
E	0.093	0.096	2.35	2.45	
F	0.050	0.080	1.27	2.03	
G	0.018	0.023	0.46	0.56	
H	0.195	0.205	5.00	5.20	

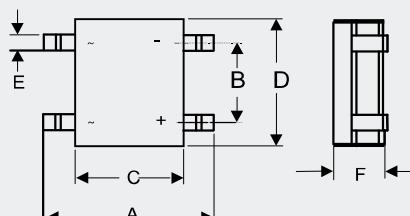
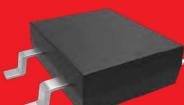
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.320	0.335	8.12	8.51	
B	0.244	0.256	6.20	6.50	
C	0.040	0.060	1.02	1.53	
D	0.366	0.413	9.30	10.50	
E	0.093	0.096	2.35	2.45	
F	0.006	0.013	0.15	0.33	
G	0.003	0.013	0.076	0.33	
H	0.195	0.205	5.00	5.20	
K	0.037	0.047	0.95	1.20	

LMBS-1



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.197	0.205	4.90	5.20	
B	0.024		0.60		
C	---	0.059	---	1.50	
D	0.024	0.032	0.60	0.80	
E	---	0.189	---	4.80	
F	0.150	0.165	3.80	4.20	
G	---	0.209	---	5.30	
H	0.236	0.252	6.00	6.60	
J	0.177	0.185	4.30	4.70	
K	0.0009	0.004	0.02	0.21	
L	0.006	0.012	0.15	0.30	
M	0.017	0.031	0.25	0.80	

MBLS-1



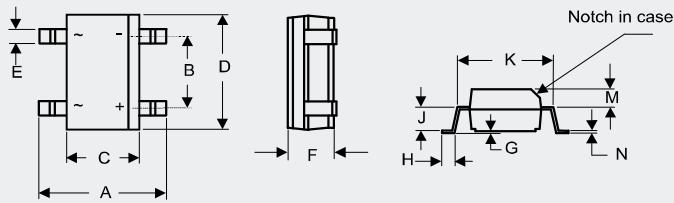
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.252	0.283	6.40	7.20	
B	0.087	0.102	2.20	2.60	
C	0.142	0.193	3.60	4.90	
D	0.177	0.200	4.55	5.10	
E	0.022	0.033	0.55	0.84	
F	0.045	0.063	1.15	1.60	
G	0.000	0.008	0.00	0.20	
H	0.016	0.043	0.40	1.10	
J	0.004	0.016	0.10	0.35	

Package Outline

MBS-1

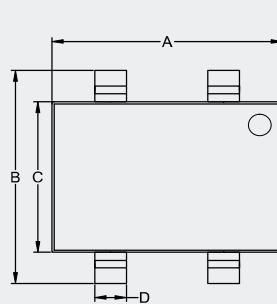


TBL

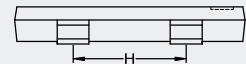


DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.252	0.276	6.40	7.00	
B	0.095	0.106	2.41	2.70	
C	0.142	0.165	3.60	4.20	
D	0.179	0.195	4.55	4.95	
E	0.019	0.031	0.50	0.80	
F	0.090	0.106	2.30	2.70	
G	0.002	0.008	0.05	0.20	
H	0.027	0.043	0.70	1.10	
J	0.058	0.062	1.47	1.57	
K	0.195	0.205	4.95	5.21	
M	0.039	0.049	0.99	1.24	
N	0.006	0.016	0.15	0.41	



TBL



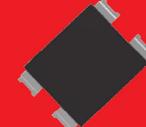
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.394	0.409	10.00	10.40	
B	0.382	0.398	9.70	10.10	
C	0.268	0.283	6.80	7.20	
D	0.051	0.059	1.30	1.50	
E	0.055	0.071	1.40	1.80	
F	0.020	0.043	0.50	1.10	
G	0.000	0.006	0.00	0.15	
H	0.193	0.201	4.90	5.10	

TBS



TBN



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.311	0.339	7.90	8.60	
B	0.283	0.291	7.20	7.40	
C	0.256	0.264	6.50	6.70	
D	0.197	0.205	5.00	5.20	
E	0.051	0.059	1.30	1.50	
F	0.011	0.016	0.27	0.40	
G	0.037	0.045	0.95	1.15	
H	0.028	0.041	0.70	1.05	
J	0.114	0.122	2.90	3.10	
K	0.0015	0.003	0.04	0.08	

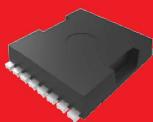
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.421	0.445	10.70	11.30	
B	0.624	0.656	15.85	16.65	
C	0.461	0.484	11.70	12.30	
D	0.120	0.132	3.05	3.35	
E	0.071	0.087	1.80	2.20	
F	0.028	0.043	0.70	1.10	
G	-	0.008	-	0.20	
H	0.258	0.270	6.55	6.85	
T	0.014	0.022	0.35	0.55	

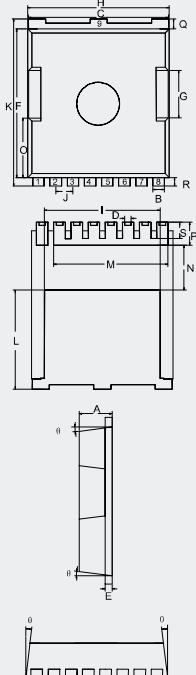
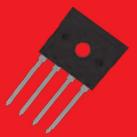
Package Outline

Package Outline

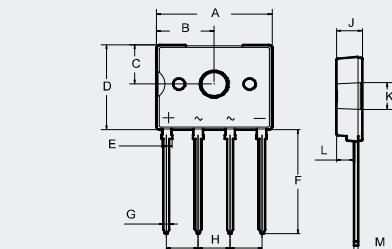
TOLL-8L



D3K



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.087	0.094	2.20	2.40	
B	0.028	0.035	0.70	0.90	
C	0.382	0.390	9.70	9.90	
D	0.017	0.020	0.42	0.50	
E	0.016	0.024	0.40	0.60	
F	0.405	0.417	10.28	10.58	
G	0.122	0.138	3.10	3.50	
H	0.382	0.398	9.70	10.10	
I	0.311	0.327	7.90	8.30	
J	0.047		1.20		BSC
K	0.452	0.468	11.48	11.88	
L	0.266	0.281	6.75	7.15	
M	0.315		8.00		
N	0.118	0.130	3.00	3.30	
O	0.157	0.172	3.98	4.38	
P	0.055	0.071	1.40	1.80	
Q	0.024	0.031	0.60	0.80	
R	0.020	0.028	0.50	0.70	
S	0.039	0.051	1.00	1.30	
θ	4°	10°	4°	10°	

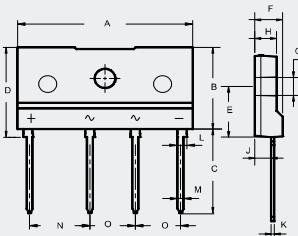


DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.524	0.563	13.30	14.30	
B	0.252	0.291	6.40	7.40	
C	0.177	0.217	4.50	5.50	
D	0.406	0.445	10.30	11.30	
E	0.041	0.057	1.05	1.45	
F	0.516	0.531	13.10	13.50	
G	0.024	0.033	0.60	0.85	
H	0.146	0.154	3.70	3.90	
J	0.102	0.142	2.60	3.60	
K	0.122	0.134	3.10	3.40	
L	0.079	0.087	2.00	2.20	
M	0.016	0.024	0.40	0.60	

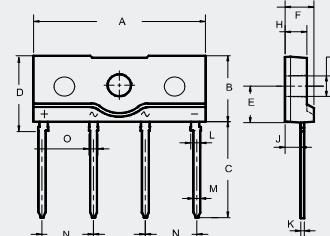
JA



JB



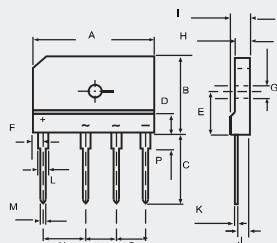
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.130	1.154	28.70	29.30	
B	0.559	0.583	14.20	14.80	
C	0.575	0.598	14.60	15.20	
D	0.614	0.638	15.60	16.20	
E	0.343	0.366	8.70	9.30	
F	0.169	0.193	4.30	4.90	
G	0.122	0.134	3.10	3.40	
H	0.130	0.154	3.30	3.90	
J	0.098	0.114	2.50	2.90	
K	0.012	0.024	0.40	0.60	
L	0.059	0.067	1.50	1.70	
M	0.035	0.043	0.90	1.10	
N	0.390	0.400	9.80	10.20	
O	0.290	0.300	7.30	7.70	



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.972	0.996	24.70	25.30	
B	0.394	0.417	10.00	10.60	
C	0.575	0.598	14.60	15.20	
D	0.449	0.472	11.40	12.00	
E	0.213	0.236	5.40	6.00	
F	0.154	0.177	3.90	4.50	
G	0.122	0.134	3.10	3.40	
H	0.114	0.138	2.90	3.90	
J	0.079	0.102	2.00	2.60	
K	0.012	0.024	0.40	0.60	
L	0.053	0.061	1.35	1.55	
M	0.035	0.043	0.90	1.10	
N	0.287	0.303	7.30	7.70	
O	0.047	0.055	1.20	1.40	

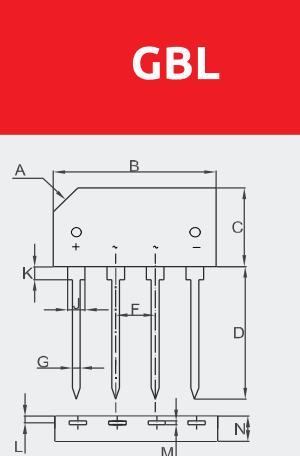
Package Outline

GBJ



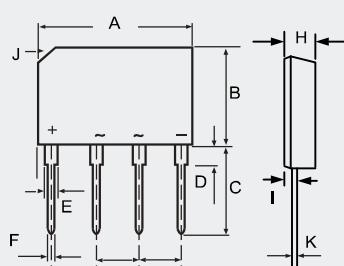
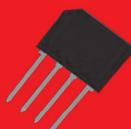
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.170	1.190	29.70	30.30	
B	0.780	0.800	19.70	20.30	
C	0.670	0.710	17.00	18.00	
D	0.190	0.190	4.70	4.90	
E	0.430	0.440	10.80	11.20	
F	0.090	0.110	2.30	2.70	
G	0.120	0.130	3.10	3.40	
H	0.130	0.150	3.40	3.80	
R	0.170	0.190	4.40	4.80	
J	0.100	0.110	2.50	2.90	
K	0.020	0.030	0.60	0.80	
L	0.080	0.090	2.00	2.40	
M	0.040	0.040	0.90	1.10	
N	0.390	0.400	9.80	10.20	
O	0.290	0.300	7.30	7.70	
P	0.150	0.170	3.80	4.20	

GBL



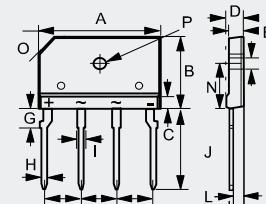
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.118 X 0.118		3.0 X 3.0		X 45°
B	0.756	0.835	19.20	21.20	
C	0.413	0.453	10.50	11.50	
D	0.512	0.591	13.00	15.00	
F	0.193	0.201	4.90	5.10	
G	0.039	0.047	1.00	1.20	
J	0.047	0.071	1.20	1.80	
K	0.079	0.118	2.00	3.00	
L	0.035	0.043	0.90	1.10	
M	0.020	0.027	0.50	0.70	
N	0.118	0.157	3.00	4.00	

GBP



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.561	0.580	14.25	14.75	
B	0.406	0.417	10.10	10.60	
C	0.561	0.581	14.25	14.73	
D	0.071	0.087	1.80	2.20	
E	0.046	0.056	1.17	1.42	
F	0.030	0.034	0.76	0.86	
G	0.140	0.160	3.56	4.06	
H	0.131	0.161	3.35	4.10	
I	0.031	0.043	0.80	1.10	
J	0.106 X 45°		2.70 X 45°		
K	0.012	0.025	0.30	0.64	

KBJ

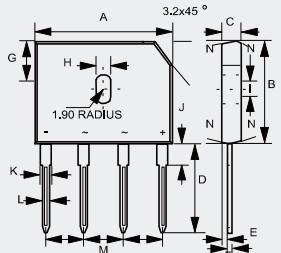
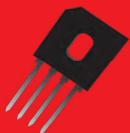


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.976	0.992	24.80	25.20	
B	0.579	0.602	14.70	15.30	
C	0.154	0.161	3.90	4.10	
D	0.173	0.189	4.40	4.80	
E	0.134	0.150	3.40	3.80	
F	0.122	0.134	3.10	3.40	Φ
G	0.130	0.146	3.30	3.70	
H	0.035	0.043	0.90	1.10	
I	0.059	0.075	1.50	1.90	
J	0.669	0.709	17.00	18.00	
K	0.287	0.303	7.30	7.70	
L	0.098	0.114	2.50	2.90	
M	0.024	0.031	0.60	0.80	
N	0.366	0.413	9.30	10.50	
O	0.118 X 45°		3.0 X 45°		
P	0.122	0.134	3.10	3.40	Φ

Package Outline

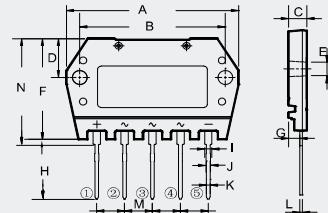
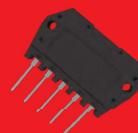
Package Outline

GBU



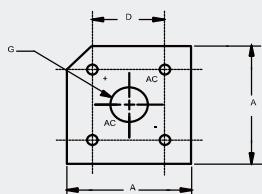
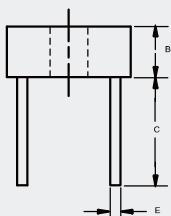
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.860	0.880	21.80	22.30	
B	0.720	0.740	18.30	18.80	
C	0.130	0.142	3.30	3.60	
D	0.690	0.717	17.50	18.20	
E	0.030	0.039	0.76	1.00	
F	0.018	0.024	0.46	0.60	
G	0.290	0.310	7.40	7.90	
H	0.140	0.160	3.50	4.10	
I	0.065	0.085	1.65	2.16	
J	0.060	0.096	1.52	2.45	
K	0.077	0.098	1.95	2.50	
L	0.040	0.050	1.02	1.27	
M	0.190	0.210	4.83	5.33	
N	7.0°		TYP.		

TSB-5



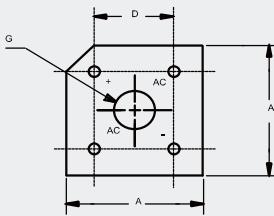
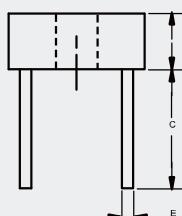
DIM	DIMENSIONS				NOTE	
	INCHES		MM			
	MIN	MAX	MIN	MAX		
A	1.834	1.874	46.60	47.60		
B	1.555	1.579	39.50	40.10		
C	0.185	0.209	4.70	5.30		
D	0.433	0.457	11.00	11.60		
E	0.157	0.177	4.00	4.50		
F	1.134	1.173	28.80	29.80		
G	0.118	0.126	3.00	3.20		
H	0.677	0.701	17.20	17.80		
I	0.075	0.083	1.90	2.10		
J	0.039	0.047	1.00	1.20		
K	0.035	0.043	0.90	1.10		
L	0.024	0.031	0.60	0.80		
M	0.296	0.304	7.52	7.72		
N	1.193	1.232	30.30	31.30		

PB-6



DIM	DIMENSIONS				NOTE	
	INCHES		MM			
	MIN	MAX	MIN	MAX		
A	0.578	0.619	14.69	15.71	2PL	
B	0.230	0.270	5.84	6.86		
C	0.752	---	19.10	---		
D	0.405	0.445	10.29	11.31	2PL	
E	0.038	0.042	0.97	1.07	4PL/TYP	
G	0.145	---	3.70	---	Φ	

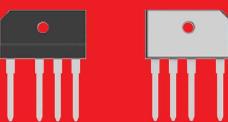
PB-10



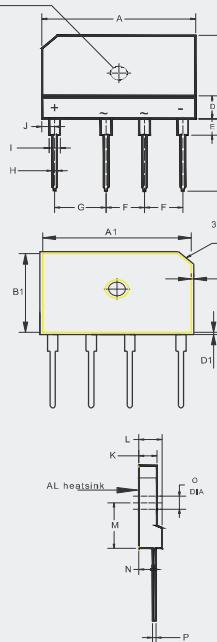
DIM	DIMENSIONS				NOTE	
	INCHES		MM			
	MIN	MAX	MIN	MAX		
A	0.730	0.770	18.50	19.56	2PL	
B	0.250	0.300	6.35	7.60		
C	0.750	---	19.10	---		
D	0.480	0.520	12.20	13.20	2PL	
E	0.050	0.050	1.27	1.27	4PL/TYP	
G	HOLE FOR NO 6 SCREW			Φ		

Package Outline

PB

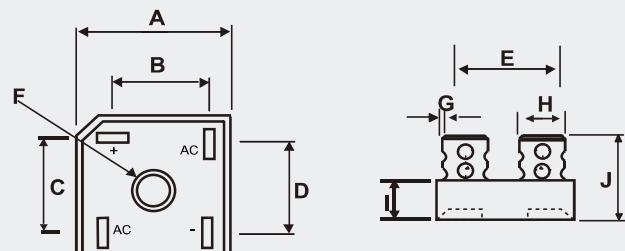


HOLE FOR NO. 6 SCREW



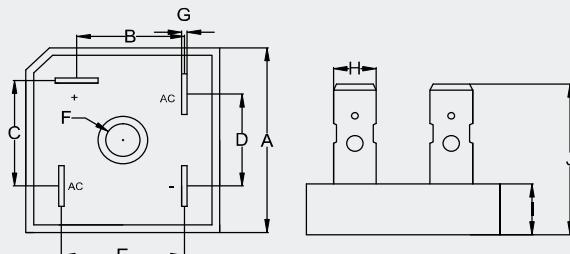
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.169	1.193	29.70	30.30	
B	0.776	0.799	19.70	20.30	
C	0.669	0.709	17.00	18.00	
D	0.189	0.228	4.80	5.80	
E	0.150	0.165	3.80	4.20	
F	0.287	0.303	7.30	7.70	
G	0.386	0.402	9.80	10.20	
H	0.035	0.043	0.90	1.10	
I	0.079	0.094	2.00	2.40	
J	0.091	0.106	2.30	2.70	
K	0.134	0.150	3.40	3.80	
L	0.173	0.189	4.40	4.80	
M	0.425	0.441	10.80	11.20	
N	0.122	0.146	3.10	3.70	
O	0.122	0.134	3.10	3.40	
P	0.024	0.031	0.60	0.80	
A1	1.136	1.144	28.85	29.05	
B1	0.742	0.750	18.85	19.05	
C1	0.016	0.024	0.40	0.60	
D1	0.016	0.024	0.40	0.60	

GBPC



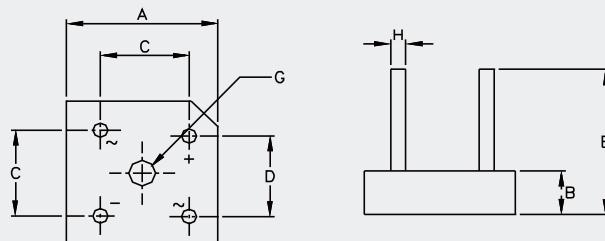
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.114	1.134	28.30	28.80	
B	0.634	0.673	16.10	17.10	
C	0.634	0.673	16.10	17.10	
D	0.543	0.583	13.80	14.80	
E	0.693	0.732	17.60	18.60	
F	0.197		5.00		Φ(Nom.)
G	0.030	0.034	0.76	0.86	
H	0.244	0.256	6.20	6.50	
I	0.291	0.335	7.40	8.50	
J	0.740	0.850	18.80	21.60	

GBPC-H



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.114	1.134	28.30	28.80	
B	0.634	0.673	16.10	17.10	
C	0.634	0.673	16.10	17.10	
D	0.543	0.583	13.80	14.80	
E	0.693	0.732	17.60	18.60	
F	0.197		5.00		Φ(Nom.)
G	0.030	0.034	0.76	0.86	
H	0.244	0.256	6.20	6.50	
I	0.291	0.335	7.40	8.50	
J	0.874	0.953	22.20	24.20	

GBPC-W

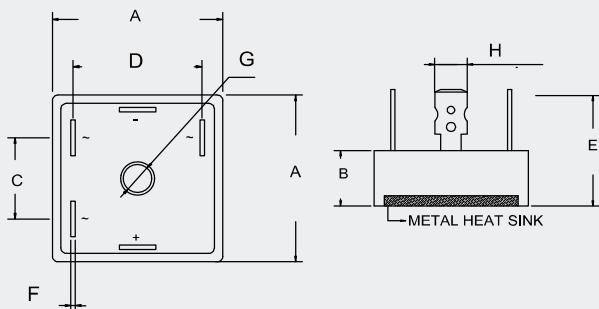


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.110	1.142	28.20	29.00	
B	0.425	0.445	10.80	11.30	
C	0.673	0.752	17.10	19.10	
D	0.410	0.490	10.40	12.40	
E	1.180	---	30.00	---	
H	0.038	0.042	0.97	1.07	
G	0.200	0.220	5.08	5.59	

Package Outline

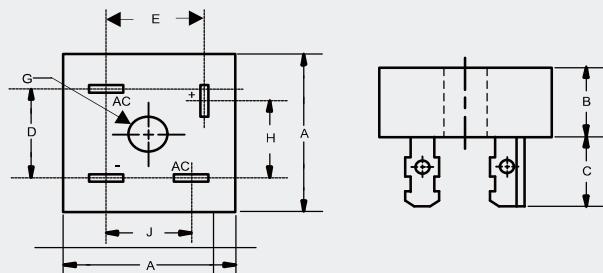
Package Outline

MT-35A

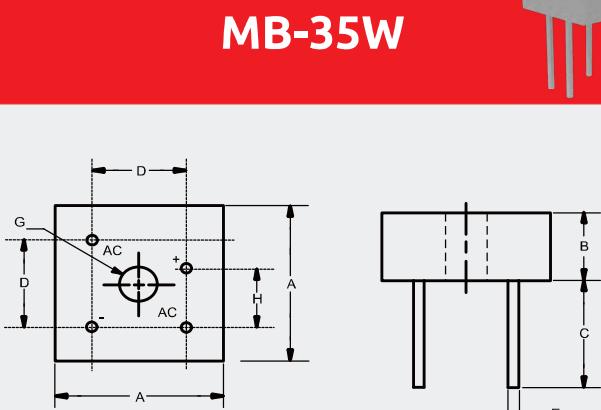


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.110	1.134	28.20	28.80	
B	0.354	0.394	9.00	10.00	
C	0.610	0.650	15.50	16.50	
D	0.917	0.957	23.30	24.30	
E	0.944		25.00		TYP.
F	0.029	0.033	0.75	0.85	
G	0.193		4.90		TYP.
H	0.244	0.251	6.20	6.40	

MB-35

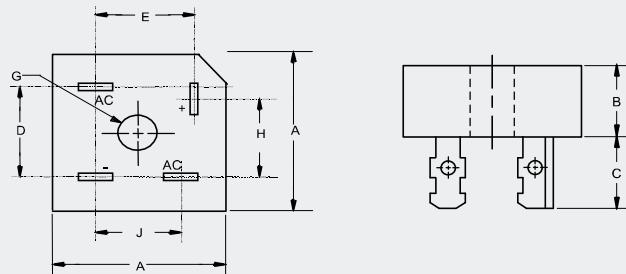


MB-35W



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.115	1.135	28.33	28.83	
B	0.427	0.447	10.85	11.35	
C	0.774	---	19.65	---	
D	0.673	0.752	17.10	19.10	
E	0.038	0.042	0.96	1.07	4PL/TYP
G	0.193	---	4.90	---	Φ
H	0.429	0.469	10.90	11.90	

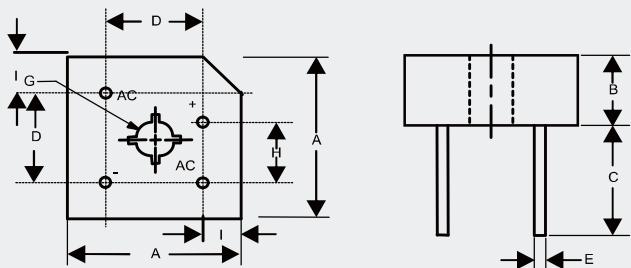
MP-50



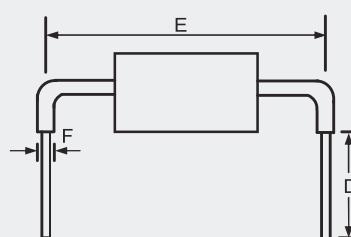
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.110	1.140	28.20	29.00	
B	0.425	0.442	10.80	11.23	
C	0.468	0.558	11.89	14.17	
D	0.689	0.728	17.50	18.50	
E	0.618	0.657	15.70	16.70	
G	0.193	---	4.90	---	Φ
H	0.618	0.657	15.70	16.70	
J	0.531	0.571	13.50	14.50	

Package Outline

MP-50W



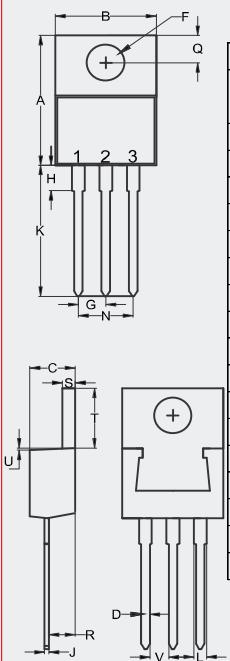
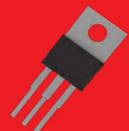
AK



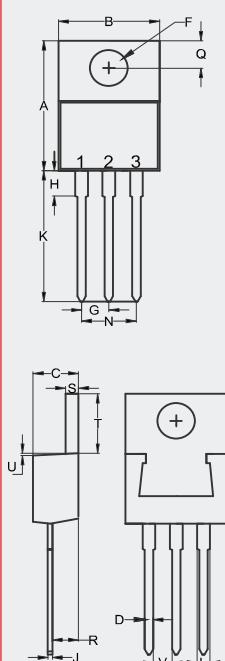
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.118	1.130	28.40	28.70	
B	0.432	0.442	10.97	11.23	
C	0.769	---	19.53	---	
D	0.673	0.752	17.10	19.10	
E	0.038	0.042	0.97	1.07	4PL/TYP
G	0.193	---	4.90	---	Φ
H	0.429	0.468	10.90	11.90	
I	0.169	0.236	4.30	6.00	

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	-----	0.630	-----	16.00	
B	-----	0.709	-----	18.00	
C	0.047	0.052	1.20	1.32	
D	0.197	-----	5.00	-----	
E	0.922	0.979	23.43	24.87	
F	-----	0.157	-----	4.00	

TO-220



TO-220AB



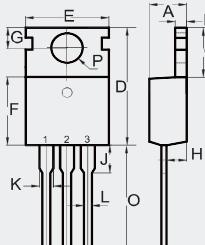
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.560	0.625	14.22	15.88	
B	0.380	0.420	9.65	10.67	
C	0.140	0.190	3.56	4.82	
D	0.020	0.045	0.51	1.14	
F	0.139	0.161	3.53	4.09	Φ
G	0.090	0.110	2.29	2.79	
H	-----	0.250	-----	6.35	
J	0.012	0.025	0.30	0.64	
K	0.500	0.580	12.70	14.73	
L	0.045	0.060	1.14	1.52	
N	0.190	0.210	4.83	5.33	
Q	0.100	0.135	2.54	3.43	
R	0.080	0.115	2.04	2.92	
S	0.045	0.055	1.14	1.39	
T	0.230	0.270	5.84	6.86	
U	-----	0.050	-----	1.27	
V	0.045	-----	1.15	-----	

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.560	0.625	14.22	15.88	
B	0.380	0.429	9.65	10.90	
C	0.140	0.201	3.56	5.10	
D	0.020	0.045	0.51	1.14	
F	0.131	0.170	3.34	4.31	Φ
G	0.079	0.121	2.01	3.07	
H	-----	0.250	-----	6.35	
J	0.011	0.025	0.28	0.64	
K	0.500	0.580	12.70	14.73	
L	0.045	0.060	1.14	1.52	
N	0.158	0.242	4.02	6.14	
Q	0.087	0.135	2.22	3.43	
R	0.080	0.126	2.04	3.19	
S	0.045	0.055	1.14	1.39	
T	0.230	0.270	5.84	6.86	
U	-----	0.050	-----	1.27	
V	0.045	-----	1.15	-----	

Package Outline

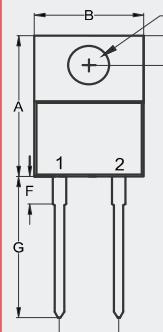
Package Outline

TO-220AB(H)



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.172	0.188	4.37	4.77	
B	0.049	0.057	1.25	1.45	
C	0.246	0.270	6.25	6.85	
D	0.594	0.634	15.10	16.10	
E	0.382	0.406	9.70	10.30	
F	0.346	0.370	8.80	9.40	
G	0.102	0.118	2.60	3.00	
H	0.087	0.102	2.20	2.60	
J	-----	0.134	-----	3.40	
K	0.046	0.058	1.17	1.47	
L	0.028	0.037	0.70	0.95	
M	0.200	BSC	5.08	BSC	
N	0.100	BSC	2.54	BSC	
O	0.502	0.543	12.75	13.80	
P	0.134	0.150	3.40	3.80	Φ
Q	0.016	0.026	0.40	0.65	
R	0.276	-----	7.00	-----	
S	0.217	-----	5.50	-----	

TO-220AC

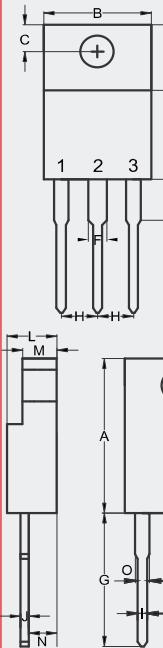


DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.560	0.625	14.22	15.88	
B	0.380	0.420	9.65	10.67	
C	0.100	0.135	2.54	3.43	
D	0.230	0.270	5.84	6.86	
F	-----	0.250	-----	6.35	
G	0.500	0.580	12.70	14.73	
H	0.190	0.210	4.83	5.33	
I	0.020	0.045	0.51	1.14	
J	0.012	0.025	0.30	0.64	
K	0.139	0.161	3.53	4.09	Φ
L	0.140	0.190	3.56	4.83	
M	0.045	0.055	1.14	1.40	
N	0.080	0.115	2.03	2.92	

TO-220F

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.392	0.421	9.96	10.70	
B	0.138	-----	3.50	-----	Φ
C	0.106	-----	2.70	-----	TYP.
D	0.567	0.642	14.40	16.30	
E	0.520	-----	13.20	-----	TYP.
F	---	0.177	---	4.50	
G	0.100	-----	2.54	-----	TYP.
H	0.020	0.035	0.50	0.90	
J	0.043	0.053	1.10	1.35	
M	0.169	0.201	4.30	5.10	
N	---	0.140	---	3.56	
P	0.083	0.126	2.10	3.20	
Q	0.020	0.032	0.50	0.80	

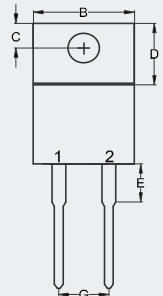
ITO-220AB



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.567	0.642	14.40	16.30	
B	---	0.421	-----	10.70	
C	0.085	0.128	2.15	3.25	
D	0.248	0.272	6.30	6.90	
E	-----	0.177	-----	4.50	
F	-----	0.071	-----	1.80	
G	0.500	0.539	12.70	14.20	
H	0.100	-----	2.55	-----	
I	-----	0.035	-----	0.90	
J	-----	0.032	-----	0.80	
K	0.102	0.150	2.60	3.80	Φ
L	-----	0.201	-----	5.10	
M	-----	0.140	-----	3.56	
N	0.083	0.126	2.10	3.20	
O	-----	0.071	-----	1.80	

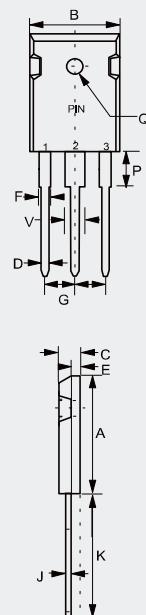
Package Outline

ITO-220AC



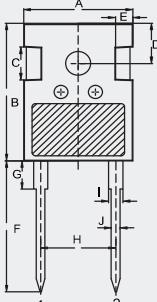
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.567	0.606	14.40	15.40	
B	-----	0.406	-----	10.30	
C	0.100	0.112	2.55	2.85	
D	0.248	0.272	6.30	6.90	
E	-----	0.161	-----	4.10	
F	0.500	0.543	12.70	13.80	
G	0.200	-----	5.10	-----	
H	-----	0.035	-----	0.90	
I	-----	0.032	-----	0.80	
J	0.102	0.134	2.60	3.40	Φ
K	-----	0.189	-----	4.80	
L	-----	0.123	-----	3.10	
M	0.098	0.114	2.50	2.90	

TO-247



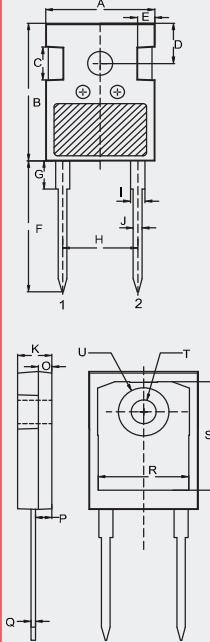
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.787	0.866	20.00	22.00	
B	0.598	0.638	15.20	16.20	
C	0.185	0.208	4.70	5.30	
D	0.035	0.059	0.90	1.50	
E	0.059	0.094	1.50	2.40	
F	0.067	0.091	1.70	2.30	
J	0.019	0.031	0.48	0.80	
K	0.748	0.833	19.00	21.15	
P	0.122	0.189	3.10	4.80	
Q	0.118	0.150	3.00	3.80	Φ
V	0.106	0.134	2.70	3.40	
G	0.197	0.224	5.00	5.70	

TO-247-2L



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.190	0.205	4.83	5.21	
B	0.090	0.100	2.29	2.55	
C	0.059	0.098	1.50	2.49	
D	0.044	0.052	1.12	1.33	
E	0.075	0.094	1.91	2.39	
F	0.022	0.027	0.55	0.69	
G	0.819	0.831	20.80	21.10	
H	0.640	0.695	16.25	17.65	
I	0.020	0.053	0.51	1.35	
J	0.620	0.635	15.75	16.13	
K	0.530	0.557	13.46	14.16	
L	0.170	0.216	4.32	5.49	
M	0.214	-----	5.44	-----	TYP
N	0.780	0.800	19.81	20.32	
O	0.161	0.173	4.10	4.40	
P	0.140	0.144	3.56	3.65	Φ
P1	0.283	-----	7.19	-----	Φ
Q	0.212	0.244	5.39	6.20	
R	0.238	0.248	6.04	6.30	
S	0.085	0.108	2.16	2.75	

TO-247AD

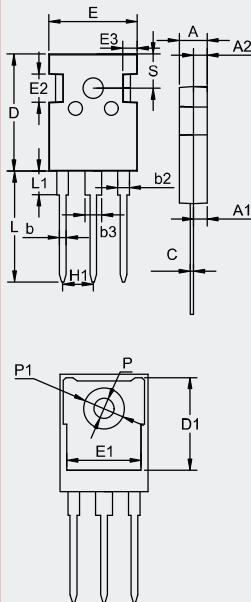


DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.610	0.663	15.50	16.85	
B	0.815	0.839	20.70	21.30	
C	0.189	0.205	4.80	5.20	
D	0.242	-----	6.15	-----	BSC.
E	0.091	0.106	2.30	2.70	
F	0.772	0.796	19.62	20.22	
G	-----	0.169	-----	4.30	
H	0.428	-----	10.88	-----	BSC.
I	0.075	0.087	1.91	2.21	
J	0.044	0.054	1.11	1.36	
K	0.189	0.205	4.80	5.20	
O	0.073	0.085	1.85	2.15	
P	0.087	0.103	2.21	2.61	
Q	0.020	0.030	0.51	0.75	
R	0.512	0.535	13.00	13.60	
S	0.640	0.663	16.25	16.85	
T	0.134	0.150	3.40	3.80	Φ
U	-----	0.287	-----	7.30	Φ

Package Outline

Package Outline

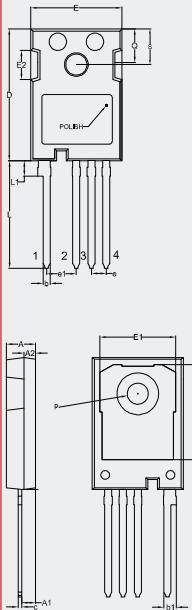
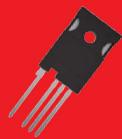
TO-247AB



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.189	0.205	4.80	5.20	
A1	0.087	0.103	2.21	2.61	
A2	0.073	0.085	1.85	2.15	
b	0.039	0.055	1.00	1.40	
b2	0.075	0.087	1.91	2.21	
C	0.020	0.028	0.50	0.70	
D	0.815	0.839	20.70	21.30	
D1	0.640	0.663	16.25	16.85	
E	0.610	0.634	15.50	16.10	
E1	0.512	0.535	13.00	13.60	
E2	0.189	0.205	4.80	5.20	
E3	0.091	0.106	2.30	2.70	
L	0.772	0.796	19.62	20.22	
L1	-	0.169	-	4.30	
P	0.134	0.150	3.40	3.80	Φ
P1	0.287	-	7.30	-	Φ
S	0.242	-	6.15	-	TYP
H1	0.214	-	5.44	-	TYP
b3	0.110	0.126	2.80	3.20	

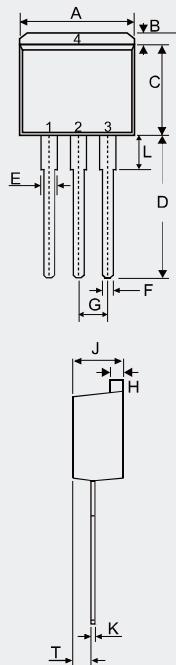
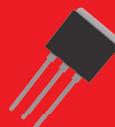
TO-247-4



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.190	0.205	4.80	5.20	
A1	0.090	0.100	2.29	2.50	
A2	0.075	0.082	1.88	2.08	
b	0.042	0.052	1.10	1.30	
b1	0.093	0.108	2.35	2.75	
b2	0.094	0.112	2.39	2.84	
c	0.022	0.027	0.55	0.68	
D	0.917	0.929	23.30	23.60	
D1	0.640	0.663	16.25	16.85	
E	0.620	0.632	15.75	16.05	
E1	0.543	0.559	13.80	14.20	
E2	0.173	0.201	4.4	5.10	
e	0.100	-	2.54	-	
L	0.683	0.695	17.34	17.64	
L1	0.157	0.169	4.0	4.3	
P	0.138	0.144	3.51	3.65	Φ
Q	0.220	0.236	5.60	6.00	
S	0.238	0.248	6.04	6.30	

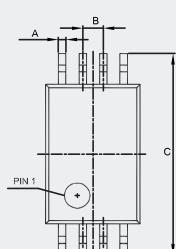
TO-262L



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.394	0.405	10.00	10.30	
B	0.043	0.059	1.10	1.50	
C	0.323	0.346	8.20	8.80	
D	0.512	0.551	13.00	14.00	
E	0.047	0.051	1.20	1.30	
F	0.028	0.035	0.70	0.90	
G	0.100	-	2.54	-	TYP.
H	0.047	0.055	1.20	1.40	
J	0.177	0.185	4.50	4.70	
K	0.014	0.019	0.35	0.47	
L	0.154	0.161	3.90	4.10	
T	0.059	0.067	1.50	1.70	

TSSOP-8

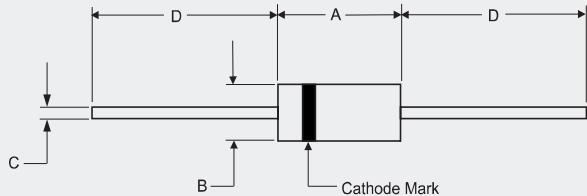


DIMENSIONS

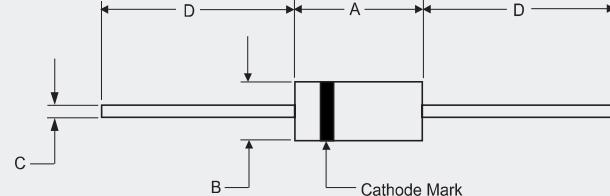
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.007	0.012	0.19	0.30	
B	0.026	-	0.65	-	TYP.
C	0.246	0.258	6.25	6.55	
D	0.114	0.122	2.90	3.10	
E	0.169	0.177	4.30	4.50	
F	---	0.047	---	1.20	
G	0.031	0.039	0.80	1.00	
H	0.020	0.028	0.50	0.70	
J	0.004	0.008	0.09	0.20	
K	0.002	0.006	0.05	0.15	
L	0.010	-	0.25	-	TYP.

Package Outline

A-405



DO-15



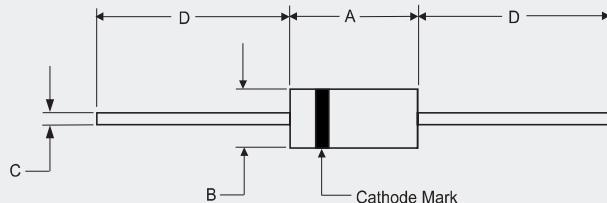
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.166	0.205	4.10	5.20	
B	0.080	0.107	2.00	2.70	
C	---	0.024	---	0.60	
D	1.000	---	25.40	---	

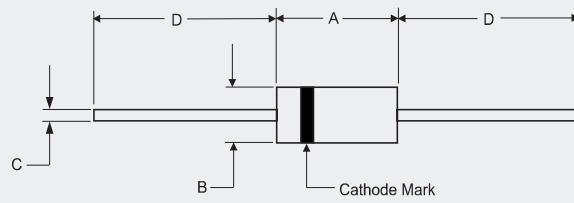
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.230	0.300	5.80	7.60	
B	0.104	0.140	2.60	3.60	
C	0.026	0.034	0.70	0.90	
D	1.000	---	25.40	---	

DO-201AD



DO-201AE



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.230	0.300	5.80	7.60	
B	0.104	0.140	2.60	3.60	
C	0.026	0.034	0.70	0.90	
D	1.000	---	25.40	---	

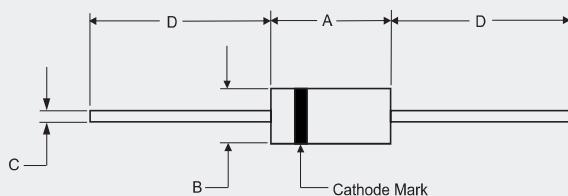
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	---	0.370	---	9.50	
B	---	0.209	---	5.30	
C	0.038	0.042	0.96	1.06	
D	1.000	---	25.40	---	

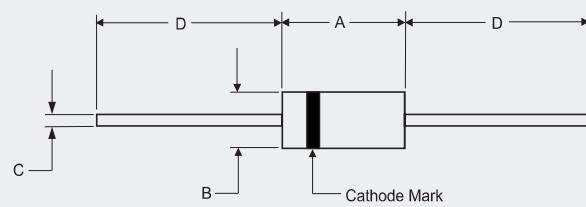
Package Outline

Package Outline

DO-41



R-3



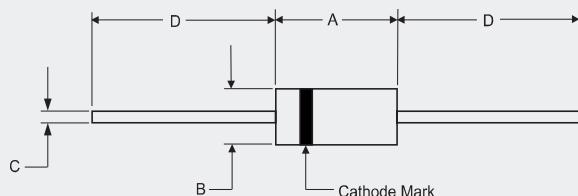
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.160	0.205	4.10	5.20	
B	0.080	0.107	2.00	2.70	Diameter
C	0.028	0.034	0.71	0.86	Diameter
D	1.000	---	25.40	---	

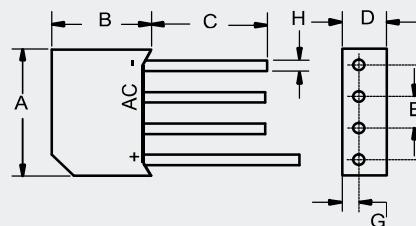
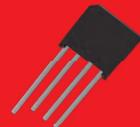
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	---	0.160	---	4.10	
B	---	0.160	---	4.10	
C	0.040	0.042	1.01	1.07	
D	1.000	---	25.40	---	

R-6



RS-4L

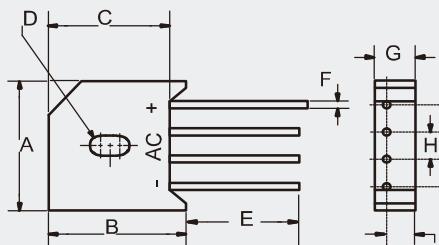


DIMENSIONS

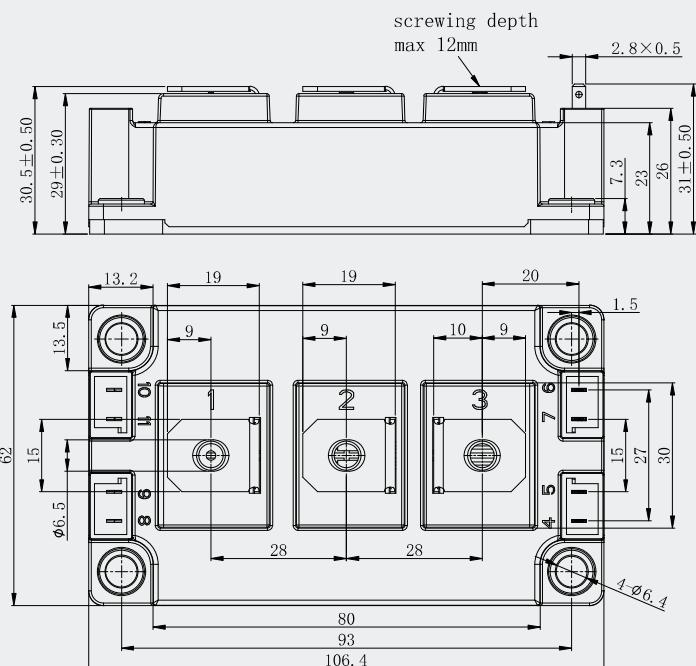
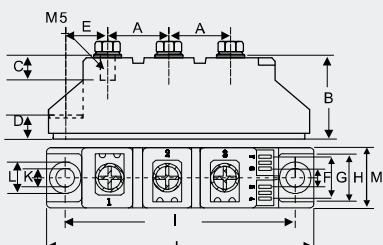
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.340	0.360	8.60	9.10	
B	0.340	0.360	8.60	9.10	
C	0.048	0.052	1.20	1.30	
D	1.000	---	25.40	---	

DIMENSIONS

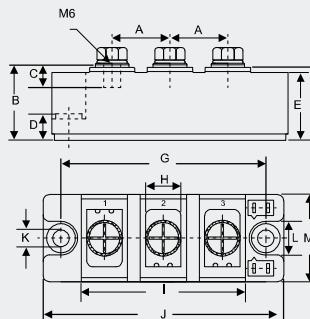
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.728	0.768	18.50	19.50	
B	0.600	0.640	15.20	16.30	
C	0.630	---	16.00	---	
D	0.217	0.256	5.50	6.50	
E	0.180	0.220	4.60	5.60	
G	---	0.083	---	2.10	
H	0.048	0.052	1.20	1.30	

Package Outline
RS-6

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.895	0.935	22.70	23.70	
B	---	0.760	---	19.30	
C	0.660	0.728	16.80	18.50	
D	0.150 X 0.23L	3.8Ø X 5.57L			HOLE
E	0.787	---	20.00	---	
F	0.048	0.052	1.20	1.30	
G	0.260	0.280	6.60	7.10	
H	0.180	0.220	4.60	5.60	
I	0.181	0.205	4.60	5.20	

C2**D1**
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.768	0.807	19.50	20.50	
B	1.161	1.201	29.50	30.50	
C	0.335	0.374	8.50	9.50	
D	0.315	0.354	8.00	9.00	
E	0.594	0.630	15.10	16.00	
F	0.217	0.256	5.50	6.50	
G	0.531	0.571	13.50	14.50	
H	0.650	0.689	16.50	17.50	
I	3.130	3.169	79.50	80.50	
J	3.642	3.681	92.50	93.50	
K	0.256	0.256	6.50	6.50	Φ
L	0.413	0.453	10.50	11.50	
M	0.807	0.846	20.50	21.50	

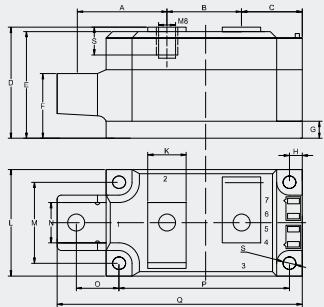
D2
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.886	0.925	22.50	23.50	
B	1.161	1.201	29.50	30.50	
C	0.335	0.374	8.50	9.50	
D	0.315	0.350	8.00	8.90	
E	1.043	1.083	26.50	27.50	
F	1.122	1.161	28.50	29.50	
G	3.130	3.169	79.50	80.50	
H	0.492	0.531	12.50	13.50	
I	2.500	2.539	63.50	64.50	
J	3.681	3.720	93.50	94.50	
K	0.256	0.256	6.50	6.50	Φ
L	0.492	0.531	12.50	13.50	
M	1.319	1.358	33.50	34.50	

Package Outline

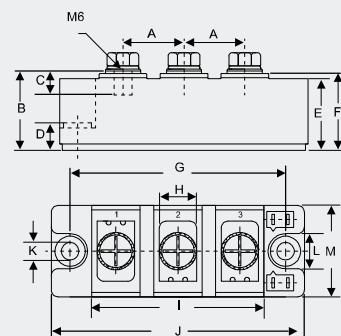
Package Outline

D3



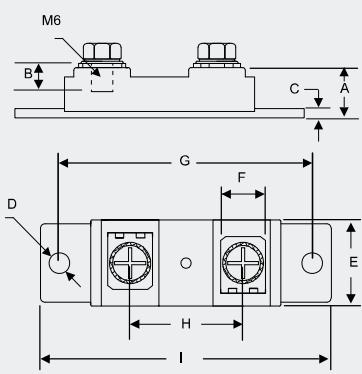
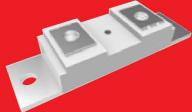
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.654	1.693	42.00	43.00	
B	1.358	1.398	34.50	35.50	
C	1.102	1.142	28.00	29.00	
D	2.028	2.067	51.50	52.50	
E	1.909	1.988	48.50	50.50	
F	1.240	1.280	31.50	32.50	
G	0.295	0.335	7.50	8.50	
H	0.217	0.256	5.50	6.50	
K	0.689	0.728	17.50	18.50	
L	1.791	1.988	45.50	50.50	
M	1.476	1.516	37.50	38.50	
N	0.728	0.768	18.50	19.50	
O	0.768	0.807	19.50	20.50	
P	3.130	3.169	79.50	80.50	
Q	4.508	4.547	114.50	115.50	
R	0.236	0.276	6.00	7.00	Φ
S	0.492	0.632	12.50	13.50	

F2



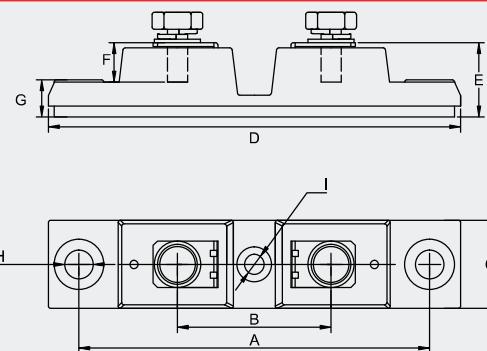
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.886	0.925	22.50	23.50	
B	1.161	1.201	29.50	30.50	
C	0.335	0.374	8.50	9.50	
D	0.315	0.350	8.00	8.90	
E	1.043	1.083	26.50	27.50	
F	1.122	1.161	28.50	29.50	
G	3.130	3.169	79.50	80.50	
H	0.492	0.531	12.50	13.50	
I	2.500	2.539	63.50	64.50	
J	3.681	3.720	93.50	94.50	
K	0.256		6.50		Φ
L	0.492	0.531	12.50	13.50	
M	1.319	1.358	33.50	34.50	

F3

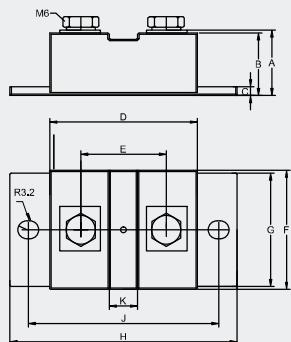
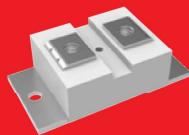


DIM	DIMENSIONS				NOTE
	INCHES	MIN	MAX	MM	
	MIN	MAX	MIN	MAX	
A	0.618	0.642	15.50	16.50	
B	0.343	0.366	8.50	9.50	
C	0.118	0.130	2.80	3.50	
D	0.256		6.50		Φ
E	1.051	1.075	26.50	27.50	
F	0.539	0.563	13.50	14.50	
G	3.138	3.161	79.50	80.50	
H	1.366	1.390	34.50	35.50	
I	3.610	3.634	91.50	92.50	

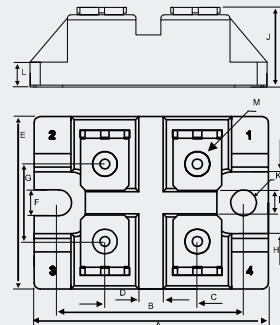
F4N



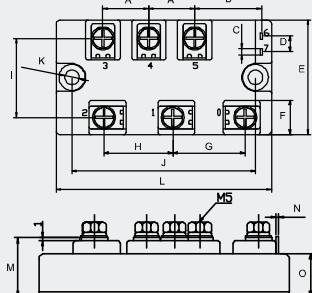
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	3.130	3.169	79.50	80.50	
B	1.358	1.398	34.50	35.50	
C	0.768	0.807	19.50	20.50	
D	3.681	3.720	93.50	94.50	
E	0.649	0.689	16.50	17.50	
F	0.217	0.256	5.50	6.50	
G	0.315	0.354	8.00	9.00	
H	0.236	0.276	6.00	7.00	
I	0.157	0.197	4.00	5.00	

Package Outline
F6

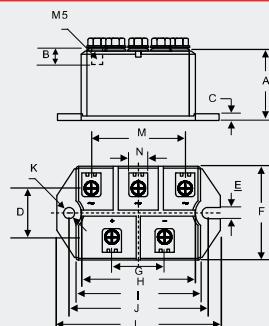
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.886	0.925	22.50	23.50	
B	0.846	0.886	21.50	22.50	
C	0.114	0.120	2.90	3.05	
D	2.028	2.067	51.50	52.50	
E	1.173	1.189	29.80	30.20	
F	1.634	1.673	41.50	42.50	
G	1.555	1.594	39.50	40.50	
H	3.130	3.169	79.50	80.50	
J	2.630	2.669	66.80	67.80	
K	0.394		10.00		
R	0.126		3.20		Φ

FJ
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.484	1.508	37.50	38.50	
B	1.169	1.193	29.50	30.50	
C	0.579	0.602	14.50	15.50	
D	0.146	0.169	3.50	4.50	
E	1.091	1.114	27.50	28.50	
F	0.154	0.177	3.70	4.70	
G	0.484	0.508	12.10	13.10	
H	0.382	0.406	9.50	10.50	
I	0.130	0.154	3.10	4.10	
J	0.492	0.516	12.30	13.30	
K	0.165		4.20		Φ
L	0.146	0.169	3.50	4.50	
M	0.157		4.00		Φ

L1

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.776	0.799	19.50	20.50	
B	1.169	1.193	28.50	29.50	
C	0.098	0.122	2.30	3.30	
D	0.264	0.287	6.50	7.50	
E	1.960	1.980	49.50	50.50	
F	0.578	0.602	14.50	15.50	
G	1.248	1.272	31.50	32.50	
H	1.169	1.193	29.50	30.50	
I	1.327	1.350	33.50	34.50	
J	3.138	3.161	79.50	80.50	
K	0.256		6.50		Φ
L	3.689	3.713	93.50	94.50	
M	0.854	0.878	21.50	22.50	
N	0.020	0.043	0.30	1.30	
O	0.610	0.634	15.30	16.30	

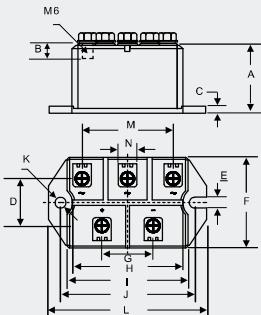
M2
DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.161	1.201	29.50	30.50	
B	0.256	0.295	6.50	7.50	
C	0.110	0.138	2.80	3.50	
D	0.831	0.870	21.10	22.10	
E	0.197	0.236	5.00	6.00	
F	1.634	1.673	41.50	42.50	
G	0.886	0.925	22.50	23.50	
H	1.870	1.909	47.50	48.50	
I	2.106	2.146	53.50	54.50	
J	2.343	2.382	59.50	60.50	
K	0.217		5.50		Φ
L	2.815	2.854	71.50	72.50	
M	1.555	1.594	39.50	40.50	
N	0.335	0.374	8.50	9.50	

Package Outline

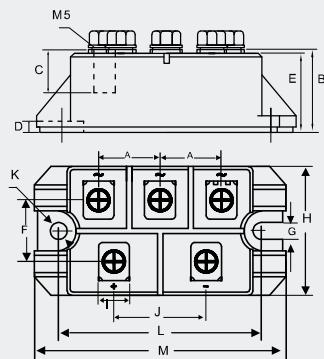
Package Outline

M3



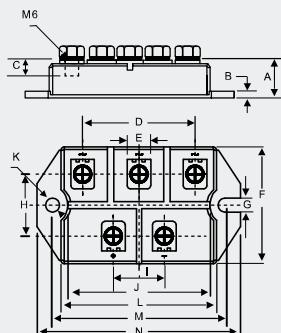
DIM	DIMENSIONS				NOTE
	INCHES	MM	MIN	MAX	
A	1.161	2.01	29.50	30.50	
B	0.256	0.295	6.50	7.50	
C	0.110	0.138	2.80	3.50	
D	1.043	1.083	26.50	27.50	
E	0.236	0.276	6.00	7.00	
F	2.106	2.146	53.50	54.50	
G	0.965	1.004	24.50	25.50	
H	2.579	2.618	65.50	66.50	
I	2.815	2.854	71.50	72.50	
J	3.130	3.169	79.50	80.50	
K	0.256		6.50		Φ
L	3.681	3.720	93.50	94.50	
M	2.028	2.067	51.50	52.50	
N	0.453	0.492	11.50	12.50	

M4



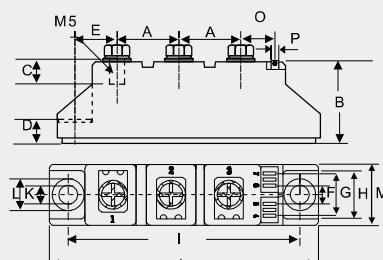
DIM	DIMENSIONS				NOTE
	INCHES	MM	MIN	MAX	
A	0.768	0.807	19.50	20.50	
B	0.846	0.886	21.50	22.50	
C	0.433	0.472	11.00	12.00	
D	0.098	0.138	2.50	3.50	
E	0.807	0.846	20.50	21.50	
F	0.768	0.807	19.50	20.50	
G	0.197	0.236	5.00	6.00	
H	1.634	1.673	41.50	42.50	
I	0.374	0.413	9.50	10.50	
J	1.161	1.201	29.50	30.50	
K	0.217		5.50		Φ
L	2.579	2.618	65.50	66.50	
M	3.209	3.248	81.50	82.50	

M5

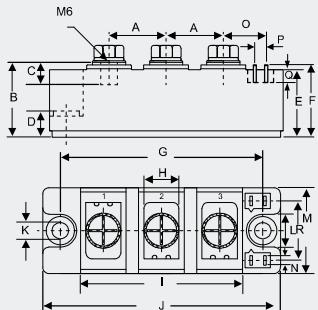


DIM	DIMENSIONS				NOTE
	INCHES	MM	MIN	MAX	
A	0.650	0.689	16.50	17.50	
B	0.098	0.138	2.50	3.50	
C	0.256	0.295	6.50	7.50	
D	2.028	2.067	51.50	52.50	
E	0.453	0.492	11.50	12.50	
F	2.106	2.146	53.50	54.50	
G	0.236	0.276	6.00	7.00	
H	1.043	1.083	26.50	27.50	
I	0.965	1.004	24.50	25.50	
J	2.579	2.618	65.50	66.50	
K	0.256		6.50		Φ
L	2.815	2.854	71.50	72.50	
M	3.130	3.169	79.50	80.50	
N	3.681	3.720	93.50	94.50	

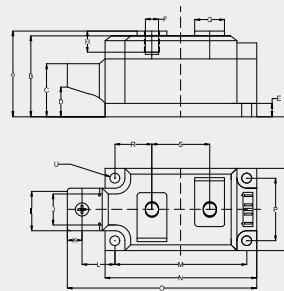
T1



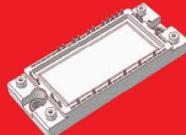
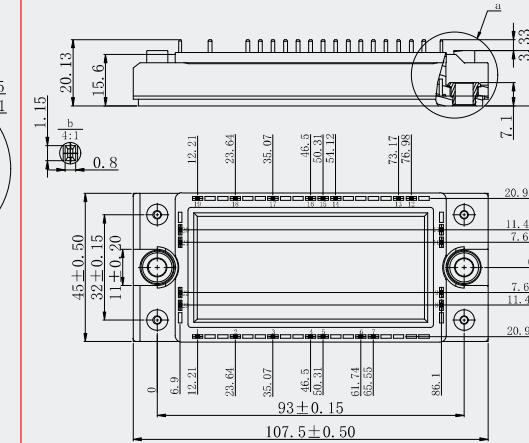
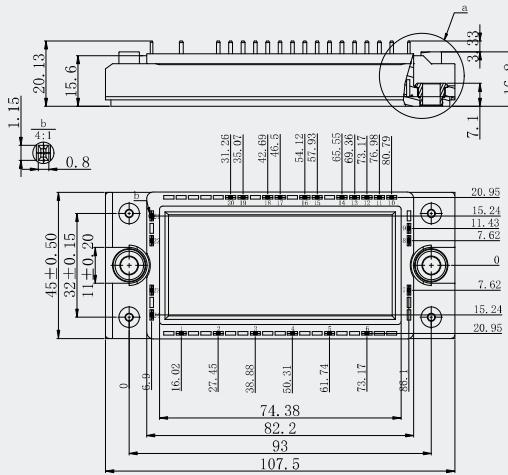
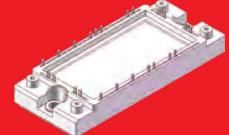
DIM	DIMENSIONS				NOTE
	INCHES	MM	MIN	MAX	
A	0.776	0.799	19.50	20.50	
B	1.169	1.193	29.50	30.50	
C	0.343	0.366	8.50	9.50	
D	0.323	0.346	8.00	9.00	
E	0.602	0.622	15.10	16.00	
F	0.224	0.248	5.50	6.50	
G	0.539	0.563	13.50	14.50	
H	0.657	0.681	16.50	17.50	
I	3.138	3.161	79.50	80.50	
J	3.650	3.673	92.50	93.50	
K	0.256		6.50		Φ
L	0.421	0.445	10.50	11.50	
M	0.815	0.839	20.50	21.50	
O	0.579	0.602	14.50	15.50	
P	0.11X0.032		2.8X0.8		

Package Outline
T2

DIM	DIMENSIONS		NOTE	
	INCHES	MM		
A	0.894	0.917	22.50	23.50
B	1.169	1.193	29.50	30.50
C	0.343	0.366	8.50	9.50
D	0.323	0.343	8.00	8.90
E	1.051	1.075	26.50	27.50
F	1.130	1.154	28.50	29.50
G	0.120	0.130	79.50	80.50
H	0.500	0.524	12.50	13.50
I	2.501	2.531	63.50	64.50
J	3.689	3.713	93.50	94.50
K	0.256		6.50	Φ
L	0.500	0.524	12.50	13.50
M	1.327	1.350	33.50	34.50
N	0.032X0.11		0.8X2.8	
O	0.677	0.700	17.00	18.00
P	0.185	0.209	4.50	5.50
Q	0.185	0.209	4.50	5.50
R	0.902	0.925	22.70	23.70

T3

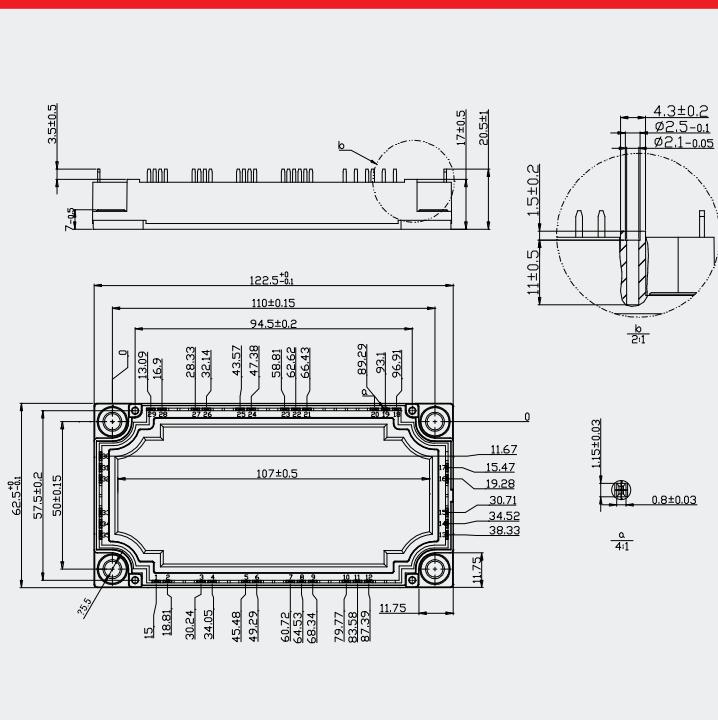
DIM	DIMENSIONS		NOTE	
	INCHES	MM		
A	2.028	2.067	51.50	52.50
B	1.909	1.949	48.50	49.50
C	1.240	1.280	31.50	32.50
D	0.685	0.724	17.40	18.40
E	0.295	0.335	7.50	8.50
F	0.295	0.335	7.50	8.50
G	0.689	0.728	17.50	18.50
H	0.492	0.531	12.50	13.50
I	1.004	1.043	25.50	26.50
J	0.728	0.768	18.50	19.50
K	0.335	0.374	8.50	9.50
L	0.768	0.807	19.50	20.50
M	3.130	3.169	79.50	80.50
N	3.602	3.642	91.50	92.50
O	4.508	4.547	114.50	115.50
P	1.476	1.516	37.50	38.50
Q	1.949	1.988	49.50	50.50
R	0.866	0.906	22.00	23.00
S	1.358	1.398	34.50	35.50
T	0.236		6.00	Φ

E1**E1A**

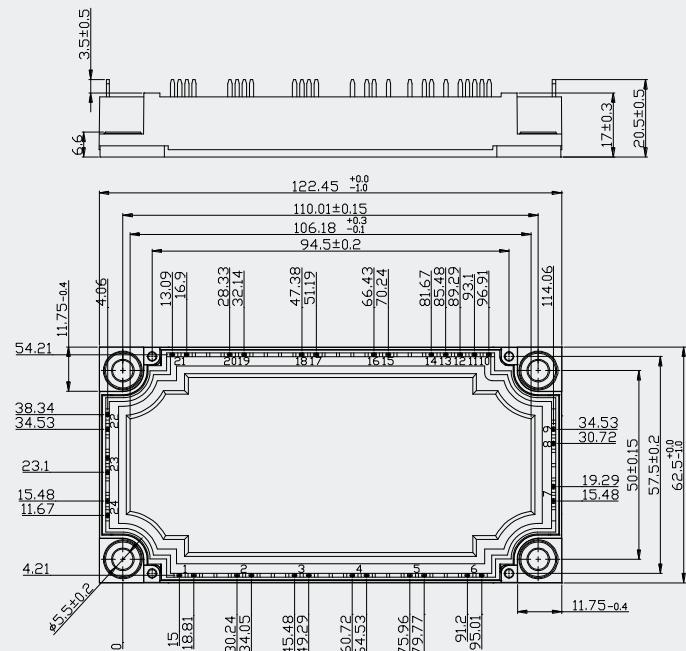
Package Outline

Package Outline

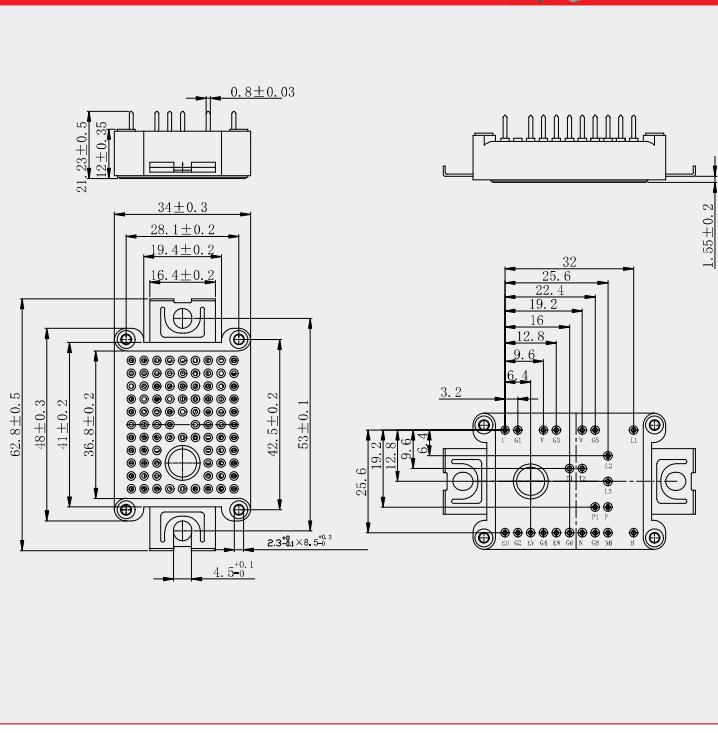
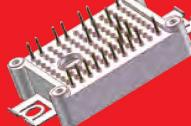
E2



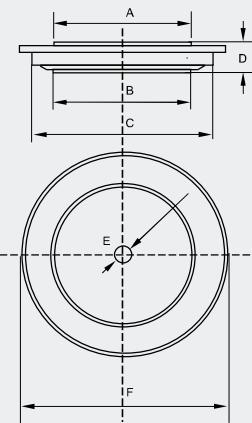
E2A



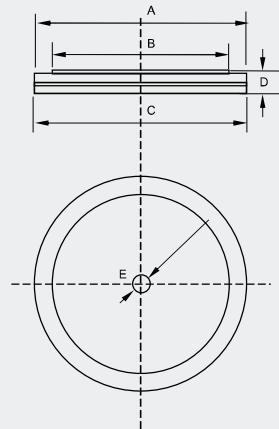
P2



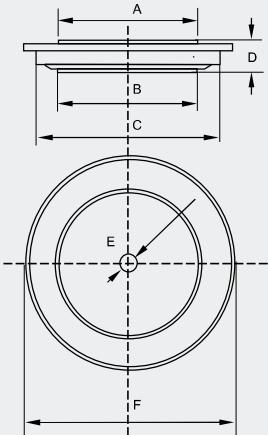
W1



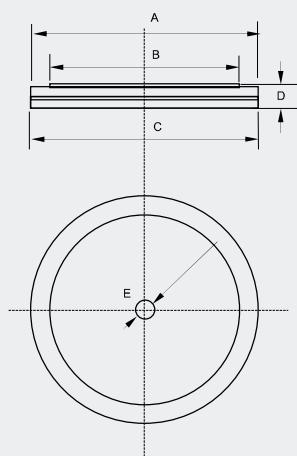
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	1.732		44.00		Φ
B	1.732		44.00		Φ
C	2.213		56.20		Φ
D	0.315	0.331	8.00	8.40	
E	0.138X0.059		3.5X1.5		Φ
F	-	2.402	-	61.00	Φ

Package Outline
W2

DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	2.205		56.00		Φ
B	1.949		49.50		Φ
C	2.205		56.00		Φ
D	0.197	0.213	5.00	5.40	
E	0.138X0.059		3.5X1.5		Φ

W3

DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	2.244		57.00		Φ
B	2.244		57.00		Φ
C	2.815		71.50		Φ
D	0.315	0.331	8.00	8.40	
E	0.138X0.059		3.5X1.5		Φ
F	-	2.953	-	75.00	Φ

W4

DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	2.500		63.50		Φ
B	2.244		57.00		Φ
C	2.500		63.50		Φ
D	0.197	0.213	5.00	5.40	
E	0.138X0.059		3.5X1.5		Φ