

Ceramic Capacitors & EMI Filters

Color Code Legend			
New	Sale	Lower\$	QtySave

Additional Capacitors are available online at www.Jameco.com/Passives

JAMECO ValuePro Monolithic Ceramic Capacitors (Continued)

Z5U Series (±20%)

JAMECO EXCLUSIVE

* Prepackaged: please order in increments of 10

Part No.	Cross Ref. No.	Value	Volt. (V)	Size (mm) W x T x H x L x S.	Pricing				
					1	10	100	1000	5000
81543	MD10	10pF	50	3.5x2.0x3.0x2.5	*	\$.10	\$.065	\$.045	\$.035
81535	MD22	22pF	50	4.0x2.0x4.0x2.5	*	.105	.081	.05	.045
332559	MOC33/100	33pF	100	4.2x3.0x4.2x2.5	.25	.167	.122	.08	.076
81519	MD.001	.001µF	50	4.5x2.0x3.0x2.5	*	.10	.078	.075	.068
25509	MD.01	.01µF	50	3.5x2.0x3.0x2.5	*	.09	.06	.051	.048
57623	MD.047	.047µF	50	2.5x2.5x3.0x2.5	*	.154	.112	.076	.057
544868	SR151C472KAA	.1µF	50	3.8x2.5x4.0x2.5	*	.094	.06	.034	.032
25525	MD.1	.1µF	50	3.4x2.2x3.6x2.5	*	.078	.067	.045	.043
25541	MD.22	.22µF	50	6.0x2.0x4.5x2.5	.21	.189	.133	.089	.066
544930	SR215E334MAA	.33µF	50	3.8x2.5x3.8x5.1	.20	.174	.111	.087	.081
138239	MD.33	.33µF	50	6.0x2.0x8.0x2.5	.20	.178	.16	.128	.096
25560	MD.47	.47µF	50	4.5x2.5x4.5x2.5	.43	.387	.329	.263	.197
544956	SR305E105MAA	1µF	50	3.8x2.5x3.8x5.1	.20	.19	.149	.141	.131
81510	MD1	1µF	50	6.0x3.0x7.0x2.5	.53	.48	.355	.255	.233

Great Prices on Special Buys*

81533	MD22	22pF	50	4.0x2.0x4.0	*	\$.066	\$.046	\$.035	\$.026
81517	MD.001	.001µF	50	4.5x2.0x3.0	*	.068	.05	.034	.026
25507	MD.01	.01µF	50	3.5x2.0x3.0	*	.083	.055	.047	.044
57621	MD.047	.047µF	50	2.5x2.5x3.0	*	.117	.086	.06	.052
25523	MD.1	.1µF	50	6.0x2.0x4.0	*	.07	.06	.04	.035
25540	MD.22	.22µF	50	6.0x2.0x4.5	.20	.174	.122	.081	.075
138237	MD.33	.33µF	50	6.0x2.0x8.0	*	.148	.109	.071	.064
25558	MD.47	.47µF	50	4.5x2.5x4.5	*	.128	.109	.087	.065
81509	MD1	1µF	50	6.0x3.0x7.0	.30	.23	.161	.149	.124

* Manufacturer, dimensions and styles may vary



EMI Filters

Lead EMIFIL® Capacitor Type (Broadband Type)

- Operating temperature range: -25°C to 85°C
- Rated current: 7A
- Dimensions (max.): 12.0mm W x 7.5mm D x 105mm H



Minimum order 10 pieces

Part No.	Product No.	Capacitance	Tolerance	Rated Volt.	10	100
1853996	DSS9NC52A222Q55B	2200pF	±20%	100VDC	\$.51	\$.46
1853970	DSS9NC51H223Q55B	22000pF	+50%, -20%	50VDC	.51	.46

Lead EMIFIL® Capacitor Type (for General Small Type)

- Operating temperature range: -25°C to 85°C
- Rated current: 6A
- Dimensions (max.): 8.0mm W x 2.54mm D x 7.0mm H



Minimum order 10 pieces

Part No.	Product No.	Capacitance	Tolerance	Rated Volt.	10	100
1853793	DSS6NC52A101Q55B	100pF	±20%	100VDC	\$.40	\$.363
1853873	DSS6NC52A471Q55B	470pF	±20%	100VDC	.41	.366
1853806	DSS6NC52A102Q55B	1000pF	±20%	100VDC	.41	.366
1853881	DSS6NE52A222Q55B	2200pF	+80%, -20%	100VDC	.41	.366
1853937	DSS6NZ82A103Q55B	10000pF	±30%	100VDC	.57	.54
1853902	DSS6NF31C223Q55B	22000pF	+80%, -20%	16VDC	.41	.366

Lead EMIFIL® Inductor Type

- Operating temperature range: -40°C to 85°C
- Dimensions: 45mm L (min.) x 3.6mm Dia. x 20mm lead length



Minimum order 10 pieces

Part No.	Product No.	Rated Current	10	100
1844580	BL01RN1A1D2B	7A	\$.096	\$.088

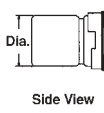
SMT Electrolytic & Ceramic Capacitors

Additional SMT Capacitors are available online at www.Jameco.com/Passives

JAMECO ValuePro Aluminum Electrolytic Capacitors

Operating Temp. Range: -55°C to +105°C

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Quantity Save



Tape

Individual

Side View

Bottom View

Leakage current (20°C) after 2 minutes	≤ .01CV or 3µA
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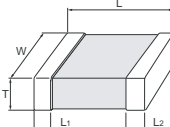
* Prepackaged: please order in increments of 10

Part No.	Cross Ref. No.†	Value (µF)	Voltage (V)	Dia. (mm)	Pricing			
					1	10	100	500
610263	UWT1C100MCL1GB	10	16	4.0	*	\$.116	\$.108	\$.098
608569	UUD1E101MCL1GS	100	25	6.3	.68	.65	.61	.456
608737	UUD1V101MNL1GS	100	35	8.0	.65	.59	.468	.351

† Cross Reference: Panasonic: VS Series

Panasonic®

- Small in size and wide capacitance range
- Superior humidity characteristic and long life due to monolithic construction
- Excellent solderability and resistance to soldering heat
- Low self-inductance and excellent frequency characteristics



Multilayer Ceramic Chip Capacitors

Size 0402

Part No.	Product No.	Temp. Coeff.	Value	Voltage (V)	Tolerance	Pricing
858453	ECJ-0EC1H680J	NPO	68pF	50	±5%	★ Call/Web
919543	ECJ-0EB1E103K	X7R	.01µF	25	±10%	★ Call/Web

★ Please call or visit our website for minimum order quantity and pricing.

Our goal is to provide you with more of what you want. Send your requests to NewProducts@Jameco.com.

♣ This product typically requires one additional day to ship. Please request 'ship partial' if you prefer the other products on your order to ship immediately. A separate shipping charge would apply.

RoHS compliant product

This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.

[Details on page 204.](#)

JAMECO ValuePro 8mm (.315") Thru-Hole Ceramic Trimmer Capacitors

- Working voltage: 250VDC
- Withstand voltage: 550VDC
- Turning torque: 40-200 g-cm
- Operating temperature range: -55°C~+85°C
- Insulation resistance: 10MΩ minimum @ 250VDC
- Q Factor @ 1MHz: P/Ns 134820/32839: >300; P/Ns 32855/94466: >200

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Quantity Save



Part No.	Capacitance Range (pF)	Color Code	Pricing			
			1	10	100	1000
134820	3.5-13.0	Ivory	\$.87	\$.60	\$.60	\$.45
32839	4.0-34.0	Yellow	1.15	.98	.90	.68
32855	6.0-70.0	None	.94	.79	.73	.69
94466	8.5-120	None	.90	.81	.65	.486

Size 0603

Part No.	Product No.	Temp. Coeff.	Value	Voltage (V)	Tolerance	Pricing	
						10	100
859181	ECJ-1VC1H330J	NPO	33pF	50	±5%	\$.03	\$.021
859106	ECJ-1VC1H221J	NPO	220pF	50	±5%	★	Call/Web
919754	ECJ-1VB1H102K	X7R	1000pF	50	±10%	★	Call/Web
858779	ECJ-1VB1H332K	X7R	3300pF	50	±10%	★	Call/Web
919789	ECJ-1VB1H103K	X7R	10,000pF	50	±10%	★	Call/Web

★ Please call or visit our website for minimum order quantity and pricing.