

MURATA Multilayer Ceramic Radial Capacitors



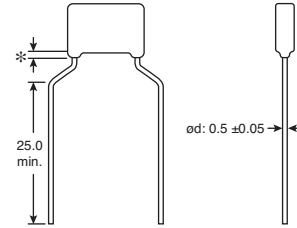
This product is RoHS compliant.

MURATA RPE SERIES CAPACITORS

Specifications:

- Temperature Characteristics:
 - COG ±30ppm/°C from -55°C to +125°C
 - X7R ±15% from -55°C to +125°C
 - Z5U -56%, +22% from +10°C to +85°C
- Case Size: 5.0 x 3.5mm
- Lead Space: 2.5mm
- D.F.: $\leq 0.8\%$ @ 1kHz

DIMENSIONS: mm



* Coating extension does not exceed the end of lead bend

Murata Ceramic Caps, Leaded

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Value (pF)	Tol. ±	Price Each			
				1	50	100	500
COG 50 Volts							
81-RPE5CH1R0C2P1B03B	RPE5C1H1R0C2P1B03B	1.0	.25pF	.39	.257	.235	.21
81-RPE5CH2R0C2P1B03B	RPE5C1H2R0C2P1B03B	2.0	.25pF	.39	.257	.235	.21
81-RPE5C1H3R0C2P1B03	RPE5C1H3R0C2P1B03B	3.0	.25pF	.39	.257	.235	.21
81-RPE5C1H3R9C2P1B03	RPE5C1H3R9C2P1B03B	3.9	.25pF	.46	.223	.191	.143
81-RPE5CH4R0C2P1B03B	RPE5C1H4R0C2P1B03B	4.0	.25pF	.39	.257	.235	.21
81-RPE5C1H6R0D2P1B03	RPE5C1H6R0D2P1B03B	6.0	.5pF	.39	.257	.235	.21
81-RPE5C1H7R0D2P1Z03	RPE5C1H7R0D2P1Z03B	7.0	.5pF	.39	.257	.235	.21
81-RPE5C1H8R0D2P1Z03	RPE5C1H8R0D2P1Z03B	8.0	.5pF	.39	.257	.235	.21
81-RPE5C1H9R0D2P1Z03	RPE5C1H9R0D2P1Z03B	9.0	.5pF	.39	.257	.235	.21
81-RPE5C1H100J2P1Z03	RPE5C1H100J2P1Z03B	10	5%	.39	.257	.235	.21
81-RPE5C1H120J2P1Z03	RPE5C1H120J2P1Z03B	12	5%	.39	.257	.235	.21
81-RPE5C1H150J2P1Z03	RPE5C1H150J2P1Z03B	15	5%	.39	.257	.235	.21
81-RPE5C1H180J2P1Z03	RPE5C1H180J2P1Z03B	18	5%	.39	.257	.235	.21
81-RPE5C1H220J2P1Z03	RPE5C1H220J2P1Z03B	22	5%	.39	.257	.235	.21
81-RPE5C1H240J2P1Z03	RPE5C1H240J2P1Z03B	24	5%	.46	.223	.191	.143
81-RPE5C1H300J2P1Z03	RPE5C1H300J2P1Z03B	30	5%	.46	.223	.191	.143
81-RPE5C1H330J2P1Z03	RPE5C1H330J2P1Z03B	33	5%	.39	.257	.235	.21
81-RPE5C1H390J2P1Z03	RPE5C1H390J2P1Z03B	39	5%	.39	.257	.235	.21
81-RPE5C1H430J2P1Z03	RPE5C1H430J2P1Z03B	43	5%	.46	.223	.191	.143
81-RPE5C1H470J2P1Z03	RPE5C1H470J2P1Z03B	47	5%	.39	.257	.235	.21
81-RPE5C1H560J2P1Z03	RPE5C1H560J2P1Z03B	56	5%	.39	.257	.235	.21
81-RPE5C1H680J2P1Z03	RPE5C1H680J2P1Z03B	68	5%	.39	.257	.235	.21
81-RPE5C1H750J2P1Z03	RPE5C1H750J2P1Z03B	75	5%	.46	.223	.191	.143
81-RPE5C1H820J2P1Z03	RPE5C1H820J2P1Z03B	82	5%	.39	.257	.235	.21
81-RPE5C1H101J2P1A03	RPE5C1H101J2P1A03B	100	5%	.37	.249	.228	.195
81-RPE5C1H121J2P1A03	RPE5C1H121J2P1A03B	120	5%	.37	.249	.228	.195
81-RPE5C1H151J2P1A03	RPE5C1H151J2P1A03B	150	5%	.37	.249	.228	.195
81-RPE5C1H181J2P1A03	RPE5C1H181J2P1A03B	180	5%	.37	.249	.228	.195
81-RPE5C1H221J2P1A03	RPE5C1H221J2P1A03B	220	5%	.37	.249	.228	.195
81-RPE5C1H271J2P1A03	RPE5C1H271J2P1A03B	270	5%	.37	.249	.228	.195
81-RPE5C1H331J2P1A03	RPE5C1H331J2P1A03B	330	5%	.39	.257	.235	.21
81-RPE5C1H361J2P1A03	RPE5C1H361J2P1A03B	360	5%	.46	.222	.19	.142
81-RPE5C1H391J2P1A03	RPE5C1H391J2P1A03B	390	5%	.39	.257	.235	.21
81-RPE5C1H471J2P1A03	RPE5C1H471J2P1A03B	470	5%	.40	.267	.245	.209
81-RPE5C1H561J2P1A03	RPE5C1H561J2P1A03B	560	5%	.40	.267	.245	.209
81-RPE5C1H681J2P1A03	RPE5C1H681J2P1A03B	680	5%	.43	.286	.262	.224
81-RPE5C1H821J2P1A03	RPE5C1H821J2P1A03B	820	5%	.43	.286	.262	.224
81-RPE5C1H102J2P1A03	RPE5C1H102J2P1A03B	1000	5%	.43	.297	.27	.227
81-RPE5C1H122J2P1A03	RPE5C1H122J2P1A03B	1200	5%	.43	.297	.27	.227
81-RPE5C1H152J2P1A03	RPE5C1H152J2P1A03B	1500	5%	.51	.349	.317	.266
81-RPE5C1H182J2P1C03	RPE5C1H182J2P1C03B	1800	5%	.51	.352	.32	.268
81-RPE5C1H222J2P1C03	RPE5C1H222J2P1C03B	2200	5%	.51	.352	.32	.268

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Value (pF)	Tol. ±	Price Each			
				1	50	100	500
X7R 50 Volts (Cont.)							
81-RPER71472K2P1A03B	RPER71H472K2P1A03B	4700	10%	.28	.186	.17	.145
81-RPER71H562K2P1A03	RPER71H562K2P1A03B	5600	10%	.49	.236	.202	.152
81-RPER71682K2P1A03B	RPER71H682K2P1A03B	6800	10%	.30	.20	.184	.157
81-RPER71H103K2P1A03B	RPER71H103K2P1A03B	.01μF	10%	.24	.159	.141	.117
81-RPER71H153K2P1A03B	RPER71H153K2P1A03B	.015μF	10%	.30	.20	.184	.157
81-RPER71H183K2P1A03	RPER71H183K2P1A03B	.018μF	10%	.32	.155	.132	.099
81-RPER71223K2P1A03B	RPER71H223K2P1A03B	.022μF	10%	.24	.16	.146	.125
81-RPER71333K2P1A03B	RPER71H333K2P1A03B	.033μF	10%	.26	.175	.16	.137
81-RPER71473K2P1A03B	RPER71H473K2P1A03B	.047μF	10%	.26	.175	.161	.137
81-RPER71563K2P1A03B	RPER71H563K2P1A03B	.056μF	10%	.53	.282	.245	.182
81-RPER71H683K2P1A03	RPER71H683K2P1A03B	.068μF	10%	.43	.284	.26	.222
81-RPER71H104K2P1A03	RPER71H104K2P1A03B	.1μF	10%	.23	.156	.138	.115
COG 100 Volts							
81-RPE5CA1R0C2P1B03B	RPE5C2A1R0C2P1B03B	1.0	.25pF	.40	.264	.242	.207
81-RPE5CA1R2C2P1B03	RPE5C2A1R2C2P1B03B	1.2	.25pF	.82	.331	.274	.192
81-RPE5CA2R0C2P1B03B	RPE5C2A2R0C2P1B03B	2.0	.25pF	.40	.264	.242	.207
81-RPE5CA3R0C2P1B03	RPE5C2A3R0C2P1B03B	3.0	.25pF	.40	.264	.242	.207
81-RPE5CA5R0C2P1B03B	RPE5C2A5R0C2P1B03B	5.0	.25pF	.40	.264	.242	.207
81-RPE5CA100J2P1Z03B	RPE5C2A100J2P1Z03B	10	5%	.40	.264	.242	.207
81-RPE5CA120J2P1Z03B	RPE5C2A120J2P1Z03B	12	5%	.40	.264	.242	.207
81-RPE5CA150J2P1Z03B	RPE5C2A150J2P1Z03B	15	5%	.40	.264	.242	.207
81-RPE5CA160J2P1Z03	RPE5C2A160J2P1Z03B	16	5%	.47	.23	.197	.148
81-RPE5CA180J2P1Z03B	RPE5C2A180J2P1Z03B	18	5%	.40	.264	.242	.207
81-RPE5CA220J2P1Z03B	RPE5C2A220J2P1Z03B	22	5%	.40	.264	.242	.207
81-RPE5CA270J2P1Z03B	RPE5C2A270J2P1Z03B	27	5%	.40	.264	.242	.207
81-RPE5CA300J2P1Z03	RPE5C2A300J2P1Z03B	30	5%	.39	.257	.235	.21
81-RPE5CA330J2P1Z03B	RPE5C2A330J2P1Z03B	33	5%	.40	.264	.242	.207
81-RPE5CA390J2P1Z03B	RPE5C2A390J2P1Z03B	39	5%	.40	.264	.242	.207
81-RPE5CA430J2P1Z03B	RPE5C2A430J2P1Z03B	43	5%	.47	.23	.197	.148
81-RPE5CA470J2P1Z03B	RPE5C2A470J2P1Z03B	47	5%	.40	.264	.242	.207
81-RPE5CA560J2P1Z03	RPE5C2A560J2P1Z03B	56	5%	.40	.264	.242	.207
81-RPE5CA750J2P1Z03	RPE5C2A750J2P1Z03B	75	5%	.47	.23	.197	.148
81-RPE5CA820J2P1Z03	RPE5C2A820J2P1Z03B	82	5%	.40	.264	.242	.207
81-RPE5CA151J2P1Z03B	RPE5C2A151J2P1Z03B	150	5%	.41	.217	.189	.14
81-RPE5CA181J2P1Z03B	RPE5C2A181J2P1Z03B	180	5%	.40	.267	.245	.209
81-RPE5CA201J2P1Z03	RPE5C2A201J2P1Z03B	200	5%	.51	.273	.238	.176
81-RPE5CA221J2P1Z03	RPE5C2A221J2P1Z03B	220	5%	.41	.217	.189	.14
81-RPE5CA271J2P1Z03B	RPE5C2A271J2P1Z03B	270	5%	.45	.238	.207	.154

X7R 100 Volts							
81-RPER72A221K2P1B03	RPER72A221K2P1B03B	220	10%	.40	.264	.242	.207
81-RPER72A271K2P1B03	RPER72A271K2P1B03B	270	10%	.47	.23	.197	.148
81-RPER72331K2P1B03B	RPER72A331K2P1B03B	330	10%	.40	.264	.242	.207
81-RPER72471K2P1B03B	RPER72A471K2P1B03B	470	10%	.40	.264	.242	.207
81-RPER72681K2P1B03B	RPER72A681K2P1B03B	680	10%	.40	.264	.242	.207
81-RPER72A102K2P1A03	RPER72A102K2P1A03B	1000	10%	.32	.216	.198	.169
81-RPER72A122K2P1A03	RPER72A122K2P1A03B	1200	10%	.46	.225	.193	.145
81-RPER72A152K2P1A03	RPER72A152K2P1A03B	1500	10%	.26	.176	.161	.138
81-RPER72A182K2P1A03	RPER72A182K2P1A03B	1800	10%	.32	.155	.132	.099
81-RPER72A222K2P1A03	RPER72A222K2P1A03B	2200	10%	.32	.216	.198	.169
81-RPER72A272K2P1A03	RPER72A272K2P1A03B	2700	10%	.39	.19	.163	.122
81-RPER72A322K2P1A03	RPER72A322K2P1A03B	3200	10%	.26	.176	.161	.138
81-RPER72A472K2P1A03	RPER72A472K2P1A03B	4700	10%	.32	.216	.198	.169