

MURATA Multilayer Ceramic Radial Capacitors

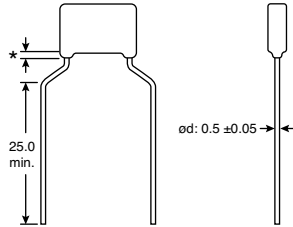


MURATA RPE SERIES CAPACITORS

This product is RoHS compliant.

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

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	.48	.275	.222	.164
81-RPE5CH2R0C2P1B03B	RPE5C1H2R0C2P1B03B	2.0	.25pF	.48	.275	.222	.164
81-RPE5C1H3R0C2P1B03B	RPE5C1H3R0C2P1B03B	3.0	.25pF	.48	.275	.222	.164
81-RPE5C1H3R9C2P1B03B	RPE5C1H3R9C2P1B03B	3.9	.25pF	.48	.275	.222	.164
81-RPE5CH4R0C2P1B03B	RPE5C1H4R0C2P1B03B	4.0	.25pF	.48	.275	.222	.164
81-RPE5C1H6R0D2P1B03B	RPE5C1H6R0D2P1B03B	6.0	.5pF	.48	.275	.222	.164
81-RPE5C1H6R8C2P1B03B	RPE5C1H6R8C2P1B03B	6.8	.25pF	.43	.25	.20	.148
81-RPE5C1H7R0D2P1Z03B	RPE5C1H7R0D2P1Z03B	7.0	.5pF	.48	.275	.222	.164
81-RPE5C1H8R0D2P1Z03B	RPE5C1H8R0D2P1Z03B	8.0	.5pF	.48	.275	.222	.164
81-RPE5C1H9R0D2P1Z03B	RPE5C1H9R0D2P1Z03B	9.0	.5pF	.48	.275	.222	.164
81-RPE5C1H9R1C2P1Z03B	RPE5C1H9R1C2P1Z03B	9.1	.25pF	.43	.25	.202	.149
81-RPE5C1H100J2P1Z03B	RPE5C1H100J2P1Z03B	10	5%	.48	.275	.222	.164
81-RPE5C1H120J2P1Z03B	RPE5C1H120J2P1Z03B	12	5%	.48	.275	.222	.164
81-RPE5C1H150J2P1Z03B	RPE5C1H150J2P1Z03B	15	5%	.48	.275	.222	.164
81-RPE5C1H180J2P1Z03B	RPE5C1H180J2P1Z03B	18	5%	.48	.275	.222	.164
81-RPE5C1H220J2P1Z03B	RPE5C1H220J2P1Z03B	22	5%	.48	.275	.222	.164
81-RPE5C1H240J2P1Z03B	RPE5C1H240J2P1Z03B	24	5%	.48	.275	.222	.164
81-RPE5C1H270J2P1Z03B	RPE5C1H270J2P1Z03B	27	5%	.48	.275	.222	.164
81-RPE5C1H300J2P1Z03B	RPE5C1H300J2P1Z03B	30	5%	.46	.275	.222	.164
81-RPE5C1H330J2P1Z03B	RPE5C1H330J2P1Z03B	33	5%	.48	.275	.222	.164
81-RPE5C1H390J2P1Z03B	RPE5C1H390J2P1Z03B	39	5%	.48	.275	.222	.164
81-RPE5C1H430J2P1Z03B	RPE5C1H430J2P1Z03B	43	5%	.48	.275	.222	.164
81-RPE5C1H470J2P1Z03B	RPE5C1H470J2P1Z03B	47	5%	.48	.28	.222	.164
81-RPE5C1H560J2P1Z03B	RPE5C1H560J2P1Z03B	56	5%	.48	.275	.222	.164
81-RPE5C1H680J2P1Z03B	RPE5C1H680J2P1Z03B	68	5%	.48	.275	.222	.164
81-RPE5C1H750J2P1Z03B	RPE5C1H750J2P1Z03B	75	5%	.46	.222	.19	.142
81-RPE5C1H820J2P1Z03B	RPE5C1H820J2P1Z03B	82	5%	.48	.275	.222	.164
81-RPE5C1H101J2P1A03B	RPE5C1H101J2P1A03B	100	5%	.46	.264	.215	.159
81-RPE5C1H121J2P1A03B	RPE5C1H121J2P1A03B	120	5%	.46	.264	.215	.159
81-RPE5C1H151J2P1A03B	RPE5C1H151J2P1A03B	150	5%	.46	.264	.215	.159
81-RPE5C1H181J2P1A03B	RPE5C1H181J2P1A03B	180	5%	.46	.264	.215	.159
81-RPE5C1H221J2P1A03B	RPE5C1H221J2P1A03B	220	5%	.46	.264	.215	.159
81-RPE5C1H271J2P1A03B	RPE5C1H271J2P1A03B	270	5%	.46	.264	.215	.159
81-RPE5C1H301J2P1A03B	RPE5C1H301J2P1A03B	300	5%	.46	.222	.19	.142
81-RPE5C1H331J2P1A03B	RPE5C1H331J2P1A03B	330	5%	.48	.275	.222	.164
81-RPE5C1H361J2P1A03B	RPE5C1H361J2P1A03B	360	5%	.46	.222	.19	.171
81-RPE5C1H391J2P1A03B	RPE5C1H391J2P1A03B	390	5%	.48	.275	.222	.164
81-RPE5C1H471J2P1A03B	RPE5C1H471J2P1A03B	470	5%	.50	.265	.231	.171
81-RPE5C1H561J2P1A03B	RPE5C1H561J2P1A03B	560	5%	.50	.265	.231	.171
81-RPE5C1H681J2P1A03B	RPE5C1H681J2P1A03B	680	5%	.53	.298	.247	.183
81-RPE5C1H821J2P1A03B	RPE5C1H821J2P1A03B	820	5%	.53	.298	.247	.183
81-RPE5C1H102J2P1A03B	RPE5C1H102J2P1A03B	1000	5%	.60	.344	.28	.207
81-RPE5C1H122J2P1A03B	RPE5C1H122J2P1A03B	1200	5%	.60	.344	.28	.207
81-RPE5C1H152J2P1A03B	RPE5C1H152J2P1A03B	1500	5%	.71	.41	.329	.243
81-RPE5C1H182J2P1C03B	RPE5C1H182J2P1C03B	1800	5%	.71	.41	.331	.245
81-RPE5C1H222J2P1C03B	RPE5C1H222J2P1C03B	2200	5%	.71	.41	.331	.245
X7R 50 Volts							
81-RPER71H212K2P1A03B	RPER71H212K2P1A03B	220	10%	.44	.212	.182	.136
81-RPER71H331K2P1A03B	RPER71H331K2P1A03B	330	10%	.42	.205	.175	.131

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-RPER71H391K2P1A03B	RPER71H391K2P1A03B	390	10%	.36	.202	.175	.129
81-RPER71H471K2P1A03B	RPER71H471K2P1A03B	470	10%	.42	.216	.173	.129
81-RPER71H561K2P1A03B	RPER71H561K2P1A03B	560	10%	.33	.16	.114	.082
81-RPER71H681K2P1A03B	RPER71H681K2P1A03B	680	10%	.42	.205	.176	.132
81-RPER71H821K2P1A03B	RPER71H821K2P1A03B	820	10%	.37	.179	.153	.115
81-RPER71H102K2P1A03B	RPER71H102K2P1A03B	1000	10%	.42	.205	.175	.131
81-RPER71H122K2P1A03B	RPER71H122K2P1A03B	1200	10%	.35	.172	.147	.11
81-RPER71H152K2P1A03B	RPER71H152K2P1A03B	1500	10%	.46	.221	.189	.142
81-RPER71H182K2P1A03B	RPER71H182K2P1A03B	1800	10%	.35	.172	.147	.11
81-RPER71H222K2P1A03B	RPER71H222K2P1A03B	2200	10%	.42	.205	.175	.131
81-RPER71H272K2P1A03B	RPER71H272K2P1A03B	2700	10%	.36	.224	.148	.111
81-RPER71H332K2P1A03B	RPER71H332K2P1A03B	3300	10%	.36	.224	.148	.111
81-RPER71H392K2P1A03B	RPER71H392K2P1A03B	3900	10%	.36	.224	.148	.111
81-RPER71H472K2P1A03B	RPER71H472K2P1A03B	4700	10%	.43	.208	.178	.134
81-RPER71H562K2P1A03B	RPER71H562K2P1A03B	5600	10%	.43	.209	.179	.134
81-RPER71H682K2P1A03B	RPER71H682K2P1A03B	6800	10%	.36	.224	.148	.111
81-RPER71H103K2P1A03B	RPER71H103K2P1A03B	10300	10%	.32	.157	.135	.101
81-RPER71H153K2P1A03B	RPER71H153K2P1A03B	0.015μF	10%	.36	.224	.148	.111
81-RPER71H183K2P1A03B	RPER71H183K2P1A03B	0.018μF	10%	.36	.224	.148	.111
81-RPER71H223K2P1A03B	RPER71H223K2P1A03B	0.022μF	10%	.37	.179	.153	.115
81-RPER71H333K2P1A03B	RPER71H333K2P1A03B	0.033μF	10%	.40	.196	.168	.126
81-RPER71H473K2P1A03B	RPER71H473K2P1A03B	0.047μF	10%	.40	.196	.168	.126
81-RPER71H563K2P1A03B	RPER71H563K2P1A03B	0.056μF	10%	.53	.30	.245	.182
81-RPER71H683K2P1A03B	RPER71H683K2P1A03B	0.068μF	10%	.53	.30	.245	.182
81-RPER71H104K2P1A03B	RPER71H104K2P1A03B	.1μF	10%	.32	.154	.132	.099
COG 100 Volts							
81-RPE5CA1R0C2P1B03B	RPE5C2A1R0C2P1B03B	1.0	.25pF	.49	.28	.228	.169
81-RPE5CA1R2C2P1B03B	RPE5C2A1R2C2P1B03B	1.2	.25pF	.46	.25	.212	.157
81-RPE5CA2R0C2P1B03B	RPE5C2A2R0C2P1B03B	2.0	.25pF	.49	.28	.228	.169
81-RPE5CA3R0C2P1B03B	RPE5C2A3R0C2P1B03B	3.0	.25pF	.49	.28	.228	.169
81-RPE5CA3R6C2P1B03B	RPE5C2A3R6C2P1B03B	3.6	.25pF	.47	.228	.195	.146
81-RPE5CA5R0C2P1B03B	RPE5C2A5R0C2P1B03B	5.0	.25pF	.49	.28	.228	.169
81-RPE5CA100J2P1Z03B	RPE5C2A100J2P1Z03B	10	5%	.49	.28	.228	.169
81-RPE5CA110J2P1Z03B	RPE5C2A110J2P1Z03B	11	5%	.47	.23	.197	.148
81-RPE5CA120J2P1Z03B	RPE5C2A120J2P1Z03B	12	5%	.49	.28	.228	.169
81-RPE5CA150J2P1Z03B	RPE5C2A150J2P1Z03B	15	5%	.49	.28	.228	.169
81-RPE5CA160J2P1Z03B	RPE5C2A160J2P1Z03B	16	5%	.47	.23	.197	.148
81-RPE5CA180J2P1Z03B	RPE5C2A180J2P1Z03B	18	5%	.49	.28	.228	.169
81-RPE5CA220J2P1Z03B	RPE5C2A220J2P1Z03B	22	5%	.49	.28	.228	.169
81-RPE5CA240J2P1Z03B	RPE5C2A240J2P1Z03B	24	5%	.47	.24	.197	.148
81-RPE5CA270J2P1Z03B	RPE5C2A270J2P1Z03B	27	5%	.49	.28	.228	.169
81-RPE5CA300J2P1Z03B	RPE5C2A300J2P1Z03B	30	5%	.47	.23	.197	.171
81-RPE5CA330J2P1Z03B	RPE5C2A330J2P1Z03B	33	5%	.49	.28	.228	.169
81-RPE5CA390J2P1Z03B	RPE5C2A390J2P1Z03B	39	5%	.49	.28	.228	.169
81-RPE5CA430J2P1Z03B	RPE5C2A430J2P1Z03B	43	5%	.47	.23	.197	.148
81-RPE5CA470J2P1Z03B	RPE5C2A470J2P1Z03B	47	5%	.49	.28	.228	.169
81-RPE5CA560J2P1Z03B	RPE5C2A560J2P1Z03B	56	5%	.49	.28	.228	.169
81-RPE5CA750J2P1Z03B	RPE5C2A750J2P1Z03B	75	5%	.47	.23	.197	.148
81-RPE5CA820J2P1Z03B	RPE5C2A820J2P1Z03B	82	5%	.49	.28	.228	.169
81-RPE5CA121J2P1Z03B	RPE5C2A121J2P1Z03B	120	5%	.47	.23	.197	.148
81-RPE5CA151J2P1Z03B	RPE5C2A151J2P1Z03B	150	5%	.41	.24	.189	.14
81-RPE5CA181J2P1Z03B	RPE5C2A181J2P1Z03B	180	5%	.41	.24	.189	.14
81-RPE5CA201J2P1Z03B	RPE5C2A201J2P1Z03B	200	5%	.49	.28	.228	.169
81-RPE5CA221J2P1Z03B	RPE5C2A221J2P1Z03B	220	5%	.47	.23	.197	.148
81-RPE5CA271J2P1Z03B	RPE5C2A271J2P1Z03B	270	5%	.45	.26	.207	.154
X7R 100 Volts							
81-RPER72A221K2P1B03B	RPER72A221K2P1B03B	220	10%	.49	.28	.228	.169
81-RPER72A271K2P1B03B	RPER72A271K2P1B03B	270	10%	.47	.23	.197	.148
81-RPER72A331K2P1B03B	RPER72A331K2P1B03B	330	10%	.49	.28	.228	.169
81-RPER72A471K2P1B03B	RPER72A471K2P1B03B	470	10%	.49	.28	.228	.169
81-RPER72A681K2P1B03B	RPER72A681K2P1B03B	680	10%	.49	.28	.228</	