

MURATA Radial Ceramic Capacitors



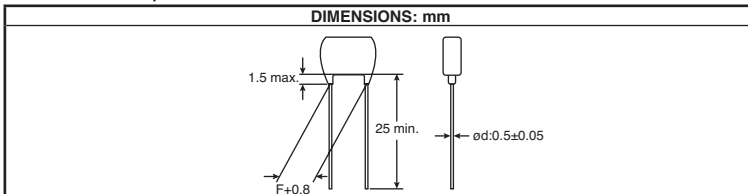
This product is RoHS compliant.



MURATA RADIAL HIGH VOLTAGE CAPACITORS

Features:

- Small size and large capacitance.
- Low ESR/ESL - suitable for high frequency.
- Meets AEC-Q200 requirements.
- Coated with epoxy or silicone resin which is suitable for heat cycle.



MOUSER STOCK NO.	Murata Part No.	Value (pF)	Tol. (%)	Volt. (KVdc)	Lead Space (mm)	Temp. Coeff.	Price Each		
							1	100	500
81-RHDL82A104K2K1C3B	RHDL82A104K2K1C03B	.10uF	10	100	5.0	X8L	.92	.69	.503
81-RHDL81H154K2K1C3B	RHDL81H154K2K1C03B	0.15	10	50	5.0	X8L	.73	.522	.351
81-RHDL81H224K2K1C3B	RHDL81H224K2K1C03B	0.22	10	50	5.0	X8L	.73	.522	.351
81-RHDL81H334K2K1C3B	RHDL81H334K2K1C03B	0.33	10	50	5.0	X8L	.99	.746	.536
81-RHDL81H474K2K1C3B	RHDL81H474K2K1C03B	0.47	10	50	5.0	X8L	.99	.746	.536
81-RHDL81H684K2K1C3B	RHDL81H684K2K1C03B	0.68	10	50	5.0	X8L	1.40	.914	.75
81-RHDL81H105K2K1C3B	RHDL81H105K2K1C03B	1.0	10	50	5.0	X8L	.99	.746	.536
81-RHDL82A333K2K1C3B	RHDL82A333K2K1C03B	33000	10	100	5.0	X8L	.92	.69	.503
81-RHDL82A473K2K1C3B	RHDL82A473K2K1C03B	47000	10	100	5.0	X8L	.92	.69	.503
81-RHDL82A683K2K1C3B	RHDL82A683K2K1C03B	68000	10	100	5.0	X8L	.92	.69	.503
81-RHEL81H104K1K1A3B	RHEL81H104K1K1A03B	0.10	10	50	5.0	X8L	.62	.289	.214
81-RHEL81H102K1K1A3B	RHEL81H102K1K1A03B	1000	10	50	5.0	X8L	.58	.27	.197
81-RHEL82A102K1K1A3B	RHEL82A102K1K1A03B	1000	10	100	5.0	X8L	.62	.291	.215
81-RHEL81H152K1K1A3B	RHEL81H152K1K1A03B	1500	10	50	5.0	X8L	.58	.27	.197
81-RHEL82A152K1K1A3B	RHEL82A152K1K1A03B	1500	10	100	5.0	X8L	.62	.291	.215
81-RHEL81H222K1K1A3B	RHEL81H222K1K1A03B	2200	10	50	5.0	X8L	.58	.27	.197
81-RHEL82A222K1K1A3B	RHEL82A222K1K1A03B	2200	10	100	5.0	X8L	.62	.291	.215
81-RHEL81H332K1K1A3B	RHEL81H332K1K1A03B	3300	10	50	5.0	X8L	.58	.27	.197
81-RHEL82A332K1K1A3B	RHEL82A332K1K1A03B	3300	10	100	5.0	X8L	.62	.291	.215
81-RHEL81H472K1K1A3B	RHEL81H472K1K1A03B	4700	10	50	5.0	X8L	.58	.27	.197
81-RHEL82A472K1K1A3B	RHEL82A472K1K1A03B	4700	10	100	5.0	X8L	.62	.291	.215
81-RHEL81H682K1K1A3B	RHEL81H682K1K1A03B	6800	10	50	5.0	X8L	.58	.27	.197
81-RHEL82A682K1K1A3B	RHEL82A682K1K1A03B	6800	10	100	5.0	X8L	.62	.291	.215
81-RHEL81H103K1K1A3B	RHEL81H103K1K1A03B	10000	10	50	5.0	X8L	.58	.27	.197
81-RHEL82A103K1K1A3B	RHEL82A103K1K1A03B	10000	10	100	5.0	X8L	.67	.288	.211
81-RHEL81H153K1K1A3B	RHEL81H153K1K1A03B	15000	10	50	5.0	X8L	.58	.27	.197
81-RHEL82A153K1K1A3B	RHEL82A153K1K1A03B	15000	10	100	5.0	X8L	.67	.288	.211
81-RHEL81H223K1K1A3B	RHEL81H223K1K1A03B	22000	10	50	5.0	X8L	.58	.27	.197
81-RHEL82A223K1K1A3B	RHEL82A223K1K1A03B	22000	10	100	5.0	X8L	.67	.288	.211
81-RHEL81H333K1K1A3B	RHEL81H333K1K1A03B	33000	10	50	5.0	X8L	.58	.27	.197
81-RHEL81H473K1K1A3B	RHEL81H473K1K1A03B	47000	10	50	5.0	X8L	.58	.27	.197
81-RHEL81H683K1K1A3B	RHEL81H683K1K1A03B	68000	10	50	5.0	X8L	.72	.338	.25

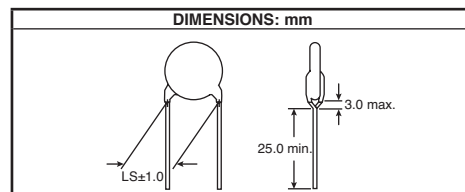
For quantities greater than listed, call for quote.

MURATA RADIAL HIGH VOLTAGE CAPACITORS

Applications:

- Ideal for use as the ballast in back lighting inverters for liquid crystal display.
- Ideal for use on high frequency pulse circuits such as a horizontal resonance circuit for CTV and snubber circuits for switching power supplies.
- Ideal use on decoupling circuit for power supply

Code	Temperature Characteristics	Cap. Change or Temp. Coeff	Temperature Range
B3	B	±10%	
E3	E	+20%-55%	-25 to +85°C
F3	F	+30%-80%	
R3	R	±15%	-25 to +85°C
		+15%-30%	+85 to 125°C
1X	SL	+350 to -1000ppm/°C	+20 to 85°C



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MOUSER STOCK NO.	Mfr.	Mfr. Part Number	Value (pF)	Tol. (%)	Volt. (KVdc)	Lead Space (mm)	Temp. Coeff.	Price Each		
								1	100	500
81-DEA1X3A100JC1B			10	5	1.0	5.0	SL	.32	.132	.099
81-DEA1X3F100JCDB			10	5	3.15	7.5	SL	.35	.135	.095
81-DEA1X3A120JC1B			12	5	1.0	5.0	SL	.32	.132	.099
81-DEA1X3A150JC1B			15	5	1.0	5.0	SL	.32	.132	.099
81-DEA1X3F150JCDB			15	5	3.15	7.5	SL	.33	.127	.088
81-DEA1X3F180JCDB			18	5	3.15	7.5	SL	.34	.134	.094
81-DEA1X3A220JC1B			22	5	1.0	5.0	SL	.31	.129	.097
81-DEA1X3F220JCDB			22	5	3.15	7.5	SL	.33	.128	.09
81-DEA1X3A270JC1B			27	5	1.0	5.0	SL	.31	.129	.097
81-DEA1X3A330JC1B			33	5	1.0	5.0	SL	.31	.129	.097
81-DEA1X3A470JC1B			47	5	1.0	5.0	SL	.31	.129	.097
81-DEA1X3D470JA2B			47	5	2.0	5.0	SL	.33	.128	.09
81-DEA1X3A680JC1B			68	5	1.0	5.0	SL	.31	.131	.098
81-DEA1X3A820JA2B			82	5	1.0	5.0	SL	.32	.124	.087
81-DEA1X3A101JA2B			100	5	1.0	5.0	SL	.33	.128	.09
81-DEA1X3D101JA2B			100	5	2.0	5.0	SL	.36	.142	.10
81-DEA1X3F101JA3B			100	5	3.15	7.5	SL	.34	.145	.109
81-DEA1X3A121JA2B			120	5	1.0	5.0	SL	.34	.131	.092
81-DEA1X3A151JA2B			150	5	1.0	5.0	SL	.36	.14	.099
81-DEA1X3A221JA2B			220	5	1.0	5.0	SL	.31	.131	.098
81-DEA1X3D221JA2B			220	5	2.0	5.0	SL	.38	.159	.119
81-DEA1X3A271JA2B			270	5	1.0	5.0	SL	.33	.138	.103
81-DEA1X3D271JA2B			270	5	2.0	5.0	SL	.40	.165	.124
81-DEA1X3A331JA2B			330	5	1.0	5.0	SL	.35	.147	.11
81-DEA1X3A391JA2B			390	5	1.0	5.0	SL	.36	.151	.113
81-DEA1X3A471JA2B			470	5	1.0	5.0	SL	.37	.158	.118
81-DEA1X3D471JA3B			470	5	2.0	7.5	SL	.47	.235	.169
81-DEA1X3D561JA3B			560	5	2.0	7.5	SL	.55	.268	.193
81-DEBB33D101KC1B			100	10	2.0	5.0	B3	.31	.13	.097
81-DEBB33F101KCDB			100	10	3.15	7.5	B3	.32	.135	.101
81-DEBB33D151KC1B			150	10	2.0	5.0	B3	.36	.154	.115
81-DEBB33D221KC1B			220	10	2.0	5.0	B3	.36	.151	.113
81-DEBB33D331KC1B			330	10	2.0	5.0	B3	.36	.144	.101
81-DEBB33D471KA2B			470	10	2.0	5.0	B3	.31	.13	.097
81-DEBB33F471KA3B			470	10	3.15	7.5	B3	.34	.132	.108
81-DEBB33A681KA2B			680	10	1.0	5.0	B3	.32	.126	.088

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MOUSER STOCK NO.	Mfr.	Mfr. Part Number	Value (pF)	Tol. (%)	Volt. (KVdc)	Lead Space (mm)	Temp. Coeff.	Price Each		
								1	100	500
81-DEBB33D681KA2B			680	10	2.0	5.0	B3	.31	.13	.097
81-DEBB33F681KA3B			680	10	3.15	7.5	B3	.40	.165	.124
81-DEBB33A102KA2B			1,000	10	1.0	5.0	B3	.33	.13	.091
81-DEBB33D102KA2B			1,000	10	2.0	5.0	B3	.36	.151	.113
81-DEBB33F102KA3B			1,000	10	3.15	7.5	B3	.46	.194	.145
81-DEBB33A152KA2B			1,500	10	1.0	5.0	B3	.36	.142	.10
81-DEBB33D152KA2B			1,500	10	2.0	5.0	B3	.38	.159	.119
81-DEBB33A222KA2B			2,200	10	1.0	5.0	B3	.34	.143	.108
81-DEBB33D222KA2B			2,200	10	2.0	5.0	B3	.47	.199	.148
81-DEBB33A332KA2B			3,300	10	1.0	5.0	B3	.37	.158	.118
81-DEBB33F332KA3B			3,300	10	3.15	7.5	B3	.71	.36	.285
81-DEBB33A472KA3B			4,700	10	1.0	7.5	B3	.42	.19	.14
81-DEBB33D472KA3B			4,700	10	2.0	7.5	B3	.61	.303	.218
81-DEBB33A682KA3B			6,800	10	1.0	7.5	B3	.52	.26	.19
81-DEBE33F102ZC3B			1,000	+80-20	3.15	7.5	E3	.33	.14	.104
81-DEBE33D222Z3B			2,200	+80-20	3.15	7.5	E3	.45	.189	.142
81-DEBE33F472Z3B			4,700	+80-20	3.15	7.5	E3	.61	.297	.219
81-DEBE33A103Z3B			10,000	+80-20	1.0	7.5	E3	.44	.217	.158
81-DEBE33D103Z3B			10,000	+80-20	2.0	7.5	E3	.65	.325	.233
81-DEBF33D102ZC1B			1,000	+80-20	2.0	5.0	F3	.31	.129	.097
81-DEBF33A222Z3B			2,200	+80-20	1.0	5.0	F3	.33	.13	.091
81-DEBF33A472Z3B			4,700	+80-20	1.0	5.0	F3	.32	.133	.10
81-DEBF33A103Z2B			10,000	+80-20	1.0	5.0	F3	.41	.168	.126
81-DEBF33D103Z3B			10,000	+80-20	2.0	7.5	F3	.57	.279	.202
81-DEHR33D391KA3B			390	10	2.0	7.5	R3	.37	.155	.116
81-DEHR33F391KA3B			390	10	3.15	7.5	R3	.43	.18	.135
81-DEHR33F471KA3B			470	10	3.15	7.5	R3	.48	.20	.15
81-DEHR33D561KA3B			560	10	2.0	7.5	R3	.42	.176	.132
81-DEHR33F561KA3B			560	10	3.15	7.5	R3	.53	.223	.167
81-DEHR33A102KA2B			1,000	10	1.0	5.0	R3	.38	.16	.12
81-DEHR33D102KA3B			1,000	10	2.0	7.5	R3	.50	.208	.156
81-DEHR33D122KA3B			1,200	10	2.0	7.5	R3	.54	.225	.169
81-DEHR33A152KA3B			1,500	10	2.0	7.5	R3	.54	.225	.169
81-DEHR33D182KA3B			1,800	10	2.0	7.5	R3	.62	.308	.221
81-DEHR33A472KA3B			4,700	10	1.0	7.5	R3	.69	.34	.243