

MURATA High Voltage Ceramic Chip Capacitors



GR4 SERIES HIGH VOLTAGE MULTILAYER SMD CERAMIC CHIP CAPACITORS

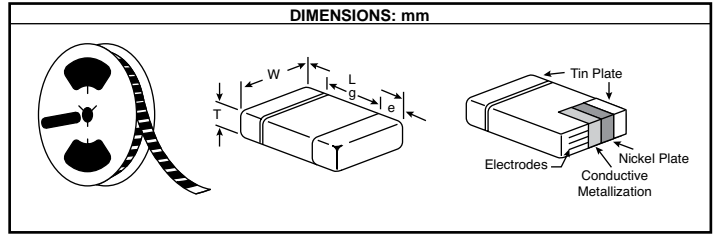
This product is RoHS compliant.

Features:

- Lead Free
- 250 V - 3.15kV
- Meets special Hi-Voltage needs
- Base metal and lead-free technology
- GA3 is safety Rated (Y2/Y3)
- Operating Temperature: -55°C to +125°C
- Temperature Coefficient: X7R



RoHS Compliant

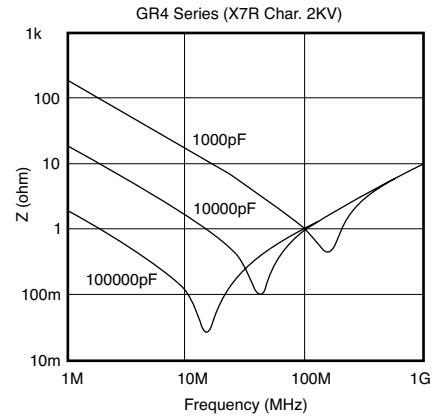
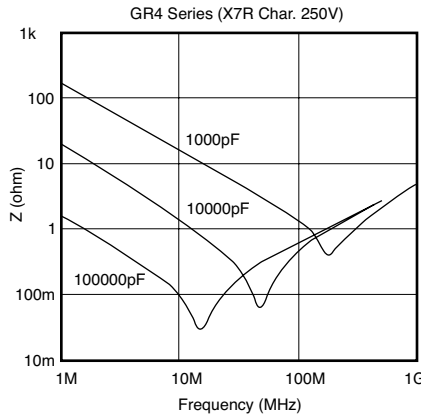
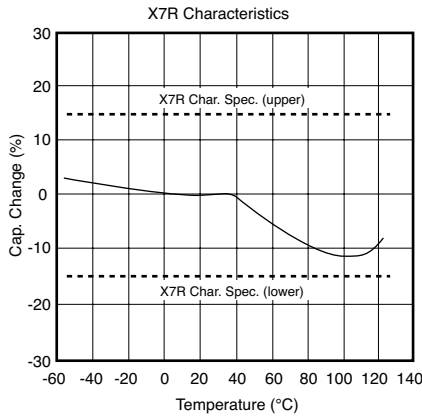


Application Selection Guide				
Series		GRM	GR4	GA3
Modem	DAA Modem	•		•
	xDSL Modem	•		•
Network	Set Top Box	•	•	•
	LAN, Router, HUB, Switch, etc.	•	•	
Flat Panel Display	LCD Back Light Inverter	•		
	PDP Panel	•		
Power Supply	Switching Power Supply, AC Adapter	•	•	•
	DC/DC Converter	•		
	Battery Charger for Cellphone	•		•
Lighting	Electric Ballast for Fluorescent Lamp	•		•
	Electric Ballast for CFL	•		•

Part No.	L	W	T (max)	e	g min.
GR431B	3.2 ±0.2	1.6 ±0.2	1.25 +0,-0.3	0.3 min.	1.2
GR431C	3.2 ±0.2	1.6 ±0.2	1.6 ±0.2		1.2
GR442Q	4.5 ±0.3	2.0 ±0.2	1.5 +0,-0.3		2.5
GR443D	4.5 ±0.4	3.2 ±0.3	2.0 +0,-0.3		2.5
GR443Q	4.5 ±0.4	3.2 ±0.3	1.5 +0,-0.3	0.3 min.	1.2
GR731B	3.2 ±0.2	1.6 ±0.2	1.25 +0,-0.3		1.2
GR731C	3.2 ±0.2	1.6 ±0.2	1.6 ±0.2		1.2
GR732D	3.2 ±0.2	2.5 ±0.2	2.0 +0,-0.3		1.2
GR732Q	3.2 ±0.2	2.5 ±0.2	1.5 +0,-0.3		

Ceramic Caps, SMD

Murata



- Isolation Lan Ethernet and DC/DC only
- Satisfies IEEE 802.3 requirements

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Murata Part No.	Value (pF)	Vdc (V)	Tolerance ±	Price Each				Reel Qty.	Price per Piece
					1	50	100	500		
1206 Case Size - for Information Devices / Tip & Ring										
81-GR431BR7LA102KW01	GR431BR7LA102KW01L	1000	2KV	±10%					3000	
1808 Case Size - for Information Devices / Tip & Ring										
81-GR442QR73D101KW01	GR442QR73D101KW01L	100	2KV	±10%					2000	
81-GR442QR7LB101KW01	GR442QR7LB101KW01L	100	3KV	±10%					2000	
81-GR442QR73D151KL	GR442QR73D151KW01L	150	2KV	±10%					2000	
81-GR442QR73D221KL	GR442QR73D221KW01L	220	2KV	±10%					2000	
81-GR442QR73D331KL	GR442QR73D331KW01L	330	2KV	±10%					2000	
81-GR442QR73D471KL	GR442QR73D471KW01L	470	2KV	±10%					2000	
81-GR442QR73D681KL	GR442QR73D681KW01L	680	2KV	±10%					2000	
81-GR442QR73D102KW01	GR442QR73D102KW01L	1000	2KV	±10%					2000	
81-GR442QR73D152KW01	GR442QR73D152KW01L	1500	2KV	±10%					2000	
81-GR442QR7LB152KW01	GR442QR7LB152KW01L	1500	3KV	±10%					2000	
1812 Case Size - for Information Devices / Tip & Ring										
81-GR443QR73D102KW01	GR443QR73D102KW01L	1000	2KV	±10%					2000	
81-GR443QR73D182KL	GR443QR73D182KW01L	1800	2KV	±10%					2000	
81-GR443QR73D222KW01	GR443QR73D222KW01L	2200	2KV	±10%					2000	
81-GR443QR7LB222KW01	GR443QR7LB222KW01L	2200	3KV	±10%					2000	
81-GR443QR73D272KL	GR443QR73D272KW01L	2700	2KV	±10%					2000	
81-GR443QR73D332KL	GR443QR73D332KW01L	3300	2KV	±10%					2000	
81-GR443QR73D392KW01	GR443QR73D392KW01L	3900	2KV	±10%					2000	
81-GR443DR73D472KW01	GR443DR73D472KW01L	4700	2KV	±10%					2000	
1206 Case Size - for Camera Flash Circuits										
81-GR731CR72E153KL	GR731CR72E153KW03L	.015µF	250	±10%					2000	
81-GR731CR72E223KL	GR731CR72E223KW03L	.022µF	250	±10%					2000	
1210 Case Size - for Camera Flash Circuits										
81-GR732QR72E333KL	GR732QR72E333KW01L	.033µF	250	±10%					2000	
81-GR732DR72E473KL	GR732DR72E473KW01L	.047µF	250	±10%					2000	

