

MURATA High Voltage Ceramic Chip Capacitors

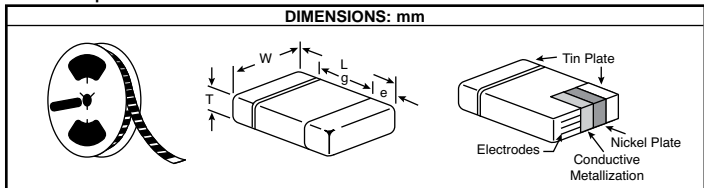


GRM SERIES HIGH VOLTAGE MULTILAYER SMD CERAMIC CHIP CAPACITORS

This product is RoHS compliant.



- Features:**
- Lead Free
 - 250 V - 3.15kV
 - Meets special Hi-Voltage needs
 - Base metal and lead-free technology
 - Operating Temperature: -55°C to +125°C



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 Cellophone	•		•
Lighting	Electric Ballast for Fluorescent Lamp	•		•
	Electric Ballast for CFL	•		•

Part No.	L	W	T (max)	e	g min.
GRM31B	3.2 ±0.2	1.6 ±0.2	1.25 +0,-0.3	0.3 min.	1.2
GRM31C	3.2 ±0.2	1.6 ±0.2	1.6 ±0.2		
GRM32B	3.2 ±0.2	1.6 ±0.2	1.25 +0,-0.3		
GRM32Q	3.2 ±0.3	2.5 ±0.2	1.5 +0,-0.3	0.3 min.	2.2
GRM32D	3.2 ±0.3	2.5 ±0.2	2 +0,-0.3		
GRM42D	4.5 ±0.4	2.0 ±0.2	2 +0,-0.3		
GRM43D	4.5 ±0.4	3.2 ±0.3	2 +0,-0.3	0.3 min.	2.5
GRM43E	4.5 ±0.4	3.2 ±0.3	2.5 +0,-0.3		
GRM43Q	4.5 ±0.4	3.2 ±0.3	1.5 +0,-0.3		
GRM55D	5.7 ±0.4	5 ±0.4	2 +0,-0.3		

MOUSER STOCK NO.	Murata Part No.	Value (µF)	Vdc (V)	Tolerance ±	Price Each				Reel Qty.	Price per Piece
					1	50	100	500		
1206 Case Size										
81-GRM31BR73A471KW01	GRM31BR73A471KW01L	470pF	1KV	10%					3000	
81-GRM31BR73A511KW01	GRM31BR73A511KW01L	510pF	1KV	10%					3000	
81-GRM31BR73A102KW01	GRM31BR73A102KW01L	1000pF	1KV	10%					3000	
81-GRM31BR72J102KW01	GRM31BR72J102KW01L	1000pF	630	10%					3000	
81-GRM31BR72J152KW01	GRM31BR72J152KW01L	1500pF	630	10%					3000	
81-GRM31BR73A152KW01	GRM31BR73A152KW01L	1500pF	1KV	10%					3000	
81-GRM31BR72J222KW01	GRM31BR72J222KW01L	2200pF	630	10%					3000	
81-GRM31BR73A222KW01	GRM31BR73A222KW01L	2200pF	1KV	10%					3000	
81-GRM31BR72J332KW01	GRM31BR72J332KW01L	3300pF	630	10%					3000	
81-GRM31BR73A392KW01	GRM31BR73A392KW01L	3900pF	1KV	10%					3000	
81-GRM31BR72J472KW01	GRM31BR72J472KW01L	4700pF	630	10%					3000	
81-GRM31BR73A472KW01	GRM31BR73A472KW01L	4700pF	1KV	10%					3000	
81-GRM31BR72J682KW01	GRM31BR72J682KW01L	6800pF	630	10%					3000	
81-GRM31BR72J103KW01	GRM31BR72J103KW01L	0.01	630	10%					3000	
81-GRM31BR72E153KW01	GRM31BR72E153KW01L	0.015	250	10%					3000	
81-GRM31BR72E223KW01	GRM31BR72E223KW01L	0.022	250	10%					3000	
81-GRM31CR72J153KW03	GRM31CR72J153KW03L	0.015	630	10%					4000	
81-GRM31CR72E473KW03	GRM31CR72E473KW03L	0.047	250	10%					2000	
81-GRM31CR72E104KW03	GRM31CR72E104KW03L	0.1	250	10%					2000	
81-GRM31R72E333KW03L	GRM31CR72E333KW03L	0.033	250	10%					2000	
1210 Case Size										
81-GRM32BR72J102KW01	GRM32BR72J102KW01L	1000pF	630	10%					3000	
81-GRM32QR73A682KW01	GRM32QR73A682KW01L	6800pF	1KV	10%					1000	
81-GRM32QR73A103KW01	GRM32QR73A103KW01L	0.01	1KV	10%					2000	
81-GRM32DR73A153KL	GRM32DR73A153KW01L	0.015	1KV	10%					2000	
81-GRM32DR73A223KW01	GRM32DR73A223KW01L	0.022	1KV	10%					1000	
81-GRM32QR72J223KW01	GRM32QR72J223KW01L	0.022	630	10%					2000	
81-GRM32DR72J333KW01	GRM32DR72J333KW01L	0.033	630	10%					2000	
81-GRM32QR72E683KW01	GRM32QR72E683KW01L	0.068	250	10%					2000	
81-GRM32DR72E104KW01	GRM32DR72E104KW01L	0.1	250	10%					1000	
81-GRM32DR72E224KW01	GRM32DR72E224KW01L	0.22	250	10%					1000	
1808 Case Size										
81-GRM421X3F100JY02L	GRM42D1X3F100JY02L	10pF	3.15KV	5%					2000	
81-GRM421X3F120JY02L	GRM42D1X3F120JY02L	12pF	3.15KV	5%					2000	
81-GRM421X3F150JY02L	GRM42D1X3F150JY02L	15pF	3.15KV	5%					2000	
81-GRM421X3F180JY02L	GRM42D1X3F180JY02L	18pF	3.15KV	5%					2000	
81-GRM421X3F220JY02L	GRM42D1X3F220JY02L	22pF	3.15KV	5%					2000	
81-GRM421X3F270JY02L	GRM42D1X3F270JY02L	27pF	3.15KV	5%					2000	
81-GRM421X3F330JY02L	GRM42D1X3F330JY02L	33pF	3.15KV	5%					2000	
81-GRM421X3F390JY02L	GRM42D1X3F390JY02L	39pF	3.15KV	5%					2000	
81-GRM421X3F560JY02L	GRM42D1X3F560JY02L	56pF	3.15KV	5%					2000	
81-GRM421X3F680JY02L	GRM42D1X3F680JY02L	68pF	3.15KV	5%					2000	
81-GRM421X3F820JY02L	GRM42D1X3F820JY02L	82pF	3.15KV	5%					2000	
1812 Case Size										
81-GRM43E1X3F101JY01L	GRM43E1X3F101JY01L	100pF	3.15KV	5%					500	
81-GRM43DR73A103KW21L	GRM43DR73A103KW21L	0.01	1KV	10%					1000	
81-GRM43QR73A223KW01L	GRM43QR73A223KW01L	0.022	1KV	10%					1000	
81-GRM43DR73A333KW01L	GRM43DR73A333KW01L	0.033	1KV	10%					1000	
81-GRM43DR73A473KW01L	GRM43DR73A473KW01L	0.047	1KV	10%					1000	
81-GRM43QR72J683KW01L	GRM43QR72J683KW01L	0.068	630	10%					1000	
81-GRM43DR72J104KW01L	GRM43DR72J104KW01L	0.1	630	10%					1000	
81-GRM43R72E154KW01L	GRM43R72E154KW01L	0.15	250	10%					1000	
81-GRM43DR72E334KW01L	GRM43DR72E334KW01L	0.33	250	10%					1000	
81-GRM43DR72E474KW01L	GRM43DR72E474KW01L	0.47	250	10%					1000	
2220 Case Size										
81-GRM55DR73A104KW01L	GRM55DR73A104KW01L	0.1	1KV	10%					1000	
81-GRM55DR72J154KL	GRM55DR72J154KW01L	0.15	630	10%					1000	
81-GRM55DR72J224KW01L	GRM55DR72J224KW01L	0.22	630	10%					1000	
81-GRM55DR72E334KW01L	GRM55DR72E334KW01L	0.33	250	10%					1000	
81-GRM55DR72E474KW01L	GRM55DR72E474KW01L	0.47	250	10%					1000	
81-GRM55RR72E105K	GRM55DR72E105KW01L	1.0	250	10%					1000	