

# MURATA Safety Rated Ceramic Chip Capacitors



## GA3 SERIES SAFETY RATED MULTILAYER SMD CERAMIC CHIP CAPACITORS

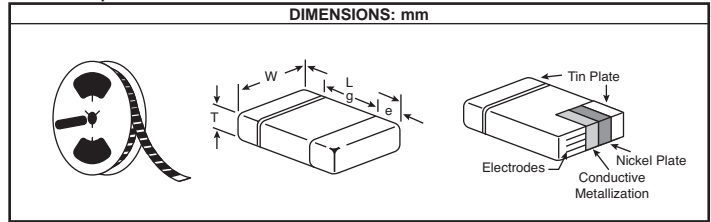
This product is RoHS compliant.

**Features:**

- Lead Free
- 250 VAC (r.m.s.)
- Base metal and lead-free technology
- GA3 is safety Rated (Y2/Y3)
- Operating Temperature: -55°C to +125°C
- Temperature Coefficient: X7R



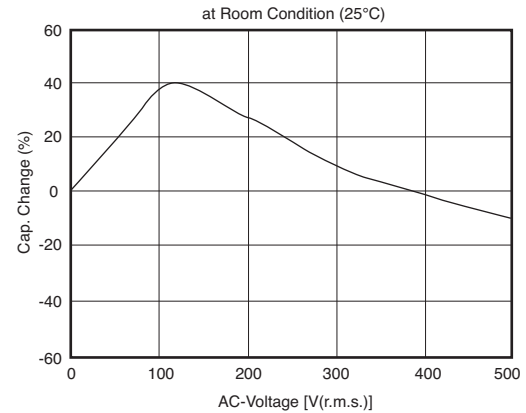
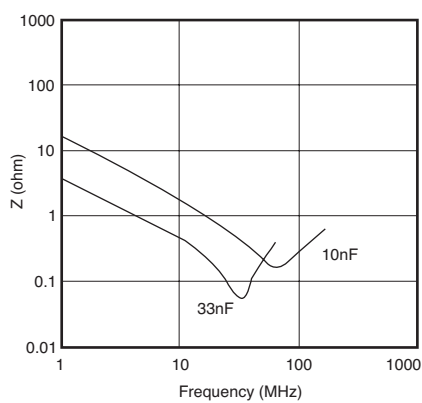
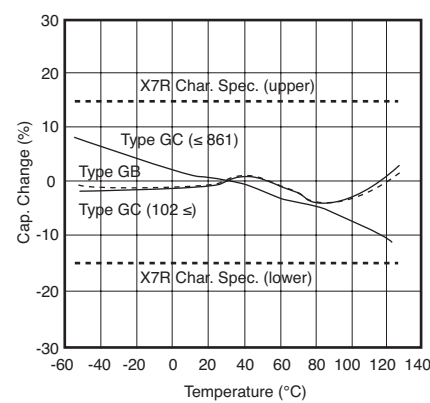
RoHS Compliant



\* Line-By-Pass only

	Standard No.	Status of Recognition		Rated Voltage
		Type GB	Type GC	
UL	UL1414		• *	AC250V (r.m.s.)
BSI			•	
VDE		•		
SEV	EN132400	•	•	
SEMKO		•	•	
		•	•	
EN132400 Class		X2	X1, Y2	

Part No.	L	W	T (max)	e	g min.
GA342D	4.5 ±0.3	2.0 ±0.2	2.0 ±0.2	0.3 min.	2.5
GA342Q	4.5 ±0.3	2.0 ±0.2	1.5 +0,-0.3		2.5
GA343D	4.5 ±0.4	3.2 ±0.3	2.0 ±0.2		2.5
GA343Q	4.5 ±0.4	3.2 ±0.3	1.5 +0,-0.3		2.5
GA352Q	5.7 ±0.4	2.8 ±0.3	1.5 +0,-0.3		4.0
GA355D	5.7 ±0.4	5.0 ±0.4	2.0 ±0.2		4.0
GA355Q	5.7 ±0.4	5.0 ±0.4	1.5 +0,-0.3	4.0	
GA355X	5.7 ±0.4	5.0 ±0.4	varies		4.0



Ceramic Caps, SMD

Murata

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Value (pF)	VAC (V)	Tol. %	Safety Recognized	Price Each				Reel Quantity	Price Per Piece
						1	50	100	500		
<b>1808 Case Size</b>											
81-GA342D1XGF100JL	GA342D1XGF100JY02L	10	250	±5	Y2	1.10	.732	.575	.412	2,000	.269
81-GA342QR7GD101KW01	GA342QR7GD101KW01L	100	250	±10	Y3	.82	.535	.431	.308	2,000	.186
81-GA342DR7GD151KW02	GA342DR7GD151KW02L	150	250	±10	Y3	.98	.658	.565	.452	2,000	.282
81-GA342QR7GD221KL	GA342QR7GD221KW01L	220	250	±10	Y3	.89	.579	.465	.332	2,000	.20
81-GA342QR7GD471KL	GA342QR7GD471KW01L	470	250	±10	Y3	.78	.502	.404	.288	2,000	.173
81-GA342QR7GD681KW01	GA342QR7GD681KW01L	680	250	±10	Y3	.78	.502	.404	.288	2,000	.173
81-GA342QR7GD102KW01	GA342QR7GD102KW01L	1,000	250	±10	Y3	.85	.557	.446	.318	2,000	.191
81-GA342QR7GD152KW01	GA342QR7GD152KW01L	1,500	250	±10	Y3	.89	.579	.465	.332	2,000	.20
<b>1812 Case Size</b>											
81-GA343QR7GD182KW01	GA343QR7GD182KW01L	1,800	250	±10	Y3	.94	.633	.543	.399	2,000	.229
81-GA343DR7GD472KL	GA343DR7GD472KW01L	4,700	250	±10	Y3	.94	.633	.543	.399	2,000	.229
<b>2211 Case Size</b>											
81-GA352QR7GF471KW01	GA352QR7GF471KW01L	470	250	±10	Y2	1.11	.874	.641	.517	1,000	.308
81-GA352QR7GF681KL	GA352QR7GF681KW01L	680	250	±10	Y2	1.11	.874	.641	.517	1,000	.308
81-GA352QR7GF102KL	GA352QR7GF102KW01L	1,000	250	±10	Y2	1.06	.71	.608	.489	1,000	.305
81-GA352QR7GF152KW01	GA352QR7GF152KW01L	1,500	250	±10	Y2	1.06	.721	.608	.489	1,000	.354
<b>2220 Case Size</b>											
81-GA355DR7GF101KY02	GA355DR7GF101KY02L	100	250	±10	X1,Y2	2.87	2.25	2.10	1.75	1,000	1.26
81-GA355DR7GF151KY02	GA355DR7GF151KY02L	150	250	±10	X1,Y2	4.68	3.12	2.68	2.14	1,000	1.70
81-GA355DR7GF331KY02	GA355DR7GF331KY02L	330	250	±10	X1,Y2	2.85	2.27	2.15	1.81	1,000	1.70
81-GA355DR7GF471KY02	GA355DR7GF471KY02L	470	250	±10	X1,Y2	2.57	1.90	1.73	1.57	1,000	1.44
81-GA355DR7GF681KY02	GA355DR7GF681KY02L	680	250	±10	X1,Y2	3.18	2.45	2.23	2.02	1,000	1.86
81-GA355DR7GF152KY02	GA355DR7GF152KY02L	1,500	250	±10	X1,Y2	2.62	1.92	1.75	1.28	1,000	.961
81-GA355DR7GF332KY02	GA355DR7GF332KY02L	3,300	250	±10	X1,Y2	2.62	1.92	1.75	1.28	1,000	.961
81-GA355DR7GB103KY02	GA355DR7GB103KY02L	10,000	250	±10	X2	3.95	3.12	2.88	2.40	1,000	1.73
81-GA355DR7GB153KY02	GA355DR7GB153KY02L	15,000	250	±10	X2	4.41	3.59	3.22	2.69	1,000	1.93
81-GA355DR7GB223KY02	GA355DR7GB223KY02L	22,000	250	±10	X2	4.48	3.82	3.60	2.78	1,000	2.23
81-GA355XR7GB333KY06	GA355XR7GB333KY06L	33,000	250	±10	X2	5.38	4.61	4.34	2.68	500	2.68
81-GA355QR7GF182KL	GA355QR7GF182KW01L	1,800	250	±10	Y2	1.39	.983	.848	.733	1,000	.443
81-GA355QR7GF222KL	GA355QR7GF222KW01L	2,200	250	±10	Y2	1.39	.983	.848	.733	1,000	.443
81-GA355QR7GF332KL	GA355QR7GF332KW01L	3,300	250	±10	Y2	1.39	.983	.848	.733	1,000	.443
81-GA355DR7GF472KW01	GA355DR7GF472KW01L	4,700	250	±10	Y2	1.45	1.05	.96	.785	1,000	.524