

# MURATA Safety Rated Ceramic Chip Capacitors



## GA3 SERIES SAFETY RATED MULTILAYER SMD CERAMIC CHIP CAPACITORS

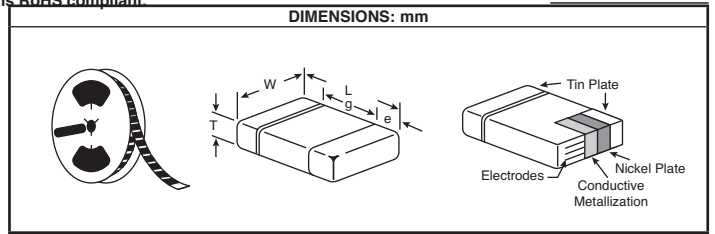
This product is RoHS compliant

**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



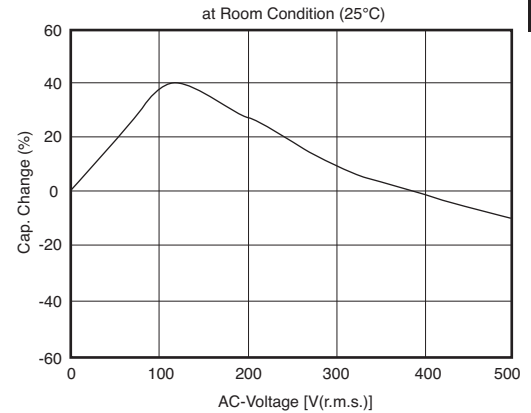
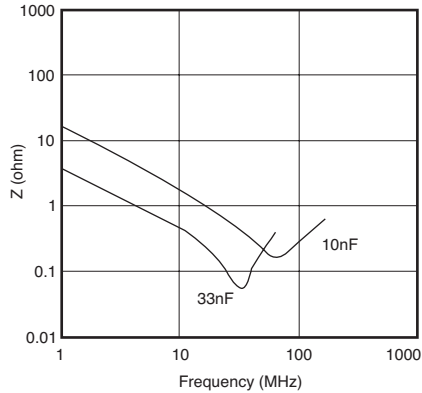
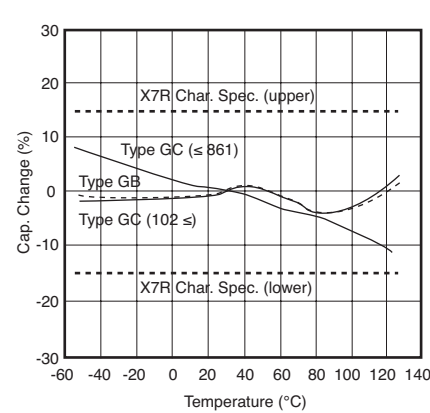
RoHS Compliant



\*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



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Value (pF)	VAC (V)	Tol. %	Safety Recognized	Price Each				Reel Qty.	Price Per Piece
						1	50	100	500		
<b>1808 Case Size</b>											
81-GA342D1XGF100JL	GA342D1XGF100JY02L	10	250	±5	Y2	.71	.456	.411	.331	2,000	.262
81-GA342QR7GD101KW01	GA342QR7GD101KW01L	100	250	±10	Y3	.50	.357	.33	.286	2,000	.176
81-GA342DR7GD151KW02	GA342DR7GD151KW02L	150	250	±10	Y3	.60	.467	.426	.371	2,000	.23
81-GA342QR7GD221KL	GA342QR7GD221KW01L	220	250	±10	Y3	.46	.329	.304	.263	2,000	.162
81-GA342QR7GD471KL	GA342QR7GD471KW01L	470	250	±10	Y3	.44	.309	.287	.251	2,000	.159
81-GA342QR7GD681KW01	GA342QR7GD681KW01L	680	250	±10	Y3	.44	.309	.287	.251	2,000	.159
81-GA342QR7GD102KW01	GA342QR7GD102KW01L	1,000	250	±10	Y3	.49	.34	.315	.277	2,000	.175
81-GA342QR7GD152KW01	GA342QR7GD152KW01L	1,500	250	±10	Y3	.46	.329	.304	.263	2,000	.162
<b>1812 Case Size</b>											
81-GA343QR7GD182KW01	GA343QR7GD182KW01L	1,800	250	±10	Y3	.82	.523	.47	.363	2,000	.194
81-GA343DR7GD472KL	GA343DR7GD472KW01L	4,700	250	±10	Y3	.82	.523	.47	.363	2,000	.194
<b>2211 Case Size</b>											
81-GA352QR7GF471KW01	GA352QR7GF471KW01L	470	250	±10	Y2	.73	.53	.489	.424	1,000	.278
81-GA352DR7GF681KL	GA352DR7GF681KW01L	680	250	±10	Y2	.73	.53	.489	.424	1,000	.278
81-GA352QR7GF102KL	GA352QR7GF102KW01L	1,000	250	±10	Y2	.97	.617	.555	.447	1,000	.247
81-GA352QR7GF152KW01	GA352QR7GF152KW01L	1,500	250	±10	Y2	.97	.617	.55	.447	1,000	.247
<b>2220 Case Size</b>											
81-GA355DR7GF101KY02	GA355DR7GF101KY02L	100	250	±10	X1,Y2	2.63	2.06	1.92	1.60	1,000	1.15
81-GA355DR7GC151KY02	GA355DR7GF151KY02L	150	250	±10	X1,Y2	2.86	2.21	2.02	1.76	1,000	1.16
81-GA355DR7GC331KY02	GA355DR7GF331KY02L	330	250	±10	X1,Y2	2.61	2.08	1.97	1.66	1,000	1.56
81-GA355DR7GC471KY02	GA355DR7GF471KY02L	470	250	±10	X1,Y2	3.00	2.32	2.12	1.85	1,000	1.22
81-GA355DR7GC681KY02	GA355DR7GF681KY02L	680	250	±10	X1,Y2	3.85	2.98	2.72	2.37	1,000	1.56
81-GA355DR7GC332KY02	GA355DR7GF332KY02L	3,300	250	±10	X1,Y2	2.71	2.09	1.91	1.66	1,000	1.10
81-GA355DR7GB103KY02	GA355DR7GB103KY02L	10,000	250	±10	X2	3.62	2.77	2.64	2.20	1,000	1.23
81-GA355DR7GB153KY02	GA355DR7GB153KY02L	15,000	250	±10	X2	4.04	3.10	2.95	2.46	1,000	1.38
81-GA355DR7GB223KY02	GA355DR7GB223KY02L	22,000	250	±10	X2	4.10	3.41	3.30	2.73	1,000	1.53
81-GA355XR7GB333KY06	GA355XR7GB333KY06L	33,000	250	±10	X2	4.93	4.10	3.97	1.98	500	1.98
81-GA355QR7GF182KL	GA355QR7GF182KW01L	1,800	250	±10	Y2	.89	.645	.595	.516	1,000	.337
81-GA355QR7GF222KL	GA355QR7GF222KW01L	2,200	250	±10	Y2	.89	.645	.595	.516	1,000	.337
81-GA355QR7GF332KL	GA355QR7GF332KW01L	3,300	250	±10	Y2	.89	.645	.595	.516	1,000	.337
81-GA355DR7GF472KW01	GA355DR7GF472KW01L	4,700	250	±10	Y2	1.33	.957	.877	.718	1,000	.399