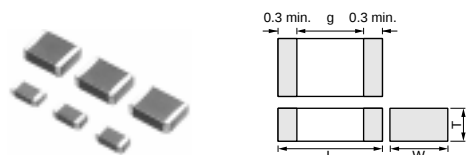


Monolithic Ceramic Capacitors for Medium-voltage

Only for Information Devices/Tip & Ring

1

Capacitors



Part Number	Dimensions (mm)			
	L	W	T	g min.
GR431C	3.2 ±0.2	1.6 ±0.2	1.6 ±0.2	1.2
GR432Q	3.2 ±0.3	2.5 ±0.2	1.5 +0, -0.3	
GR432D			2.0 +0, -0.3	
GR442D	4.5 ±0.3	2.0 ±0.2	2.0 ±0.2	2.5
GR443D	4.5 ±0.4	3.2 ±0.3	2.0 +0, -0.3	2.2*
GR443E			2.5 +0, -0.3	2.5
GR443Q			1.5 +0, -0.3	
GR455D	5.7 ±0.4	5.0 ±0.4	2.0 +0, -0.3	3.2

* GR443DR73D : 2.5mm min.

Part Number	Rated Voltage (V)	TC	Capacitance	Length L (mm)	Width W (mm)	Thickness T (mm)	Electrode g (mm)	Electrode e (mm)
GR431CR72E104KW03L	DC250	X7R (EIA)	0.10μF +10,-10%	3.2	1.6	1.6	1.2 min.	0.3 min.
GR432QR72E184KW01L	DC250	X7R (EIA)	0.18μF +10,-10%	3.2	2.5	1.5	1.2 min.	0.3 min.
GR432DR72E224KW01L	DC250	X7R (EIA)	0.22μF +10,-10%	3.2	2.5	2.0	1.2 min.	0.3 min.
GR443DR72E334KW01L	DC250	X7R (EIA)	0.33μF +10,-10%	4.5	3.2	2.0	2.2 min.	0.3 min.
GR443DR72E474KW01L	DC250	X7R (EIA)	0.47μF +10,-10%	4.5	3.2	2.0	2.2 min.	0.3 min.
GR455DR72E684KW01L	DC250	X7R (EIA)	0.68μF +10,-10%	5.7	5.0	2.0	3.2 min.	0.3 min.
GR455DR72E105KW01L	DC250	X7R (EIA)	1.0μF +10,-10%	5.7	5.0	2.0	3.2 min.	0.3 min.
GR442DR73D101KW02L	DC2000	X7R (EIA)	100pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D121KW02L	DC2000	X7R (EIA)	120pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D151KW02L	DC2000	X7R (EIA)	150pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D181KW02L	DC2000	X7R (EIA)	180pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D221KW02L	DC2000	X7R (EIA)	220pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D271KW02L	DC2000	X7R (EIA)	270pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D331KW02L	DC2000	X7R (EIA)	330pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D391KW02L	DC2000	X7R (EIA)	390pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D471KW02L	DC2000	X7R (EIA)	470pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D561KW02L	DC2000	X7R (EIA)	560pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D681KW02L	DC2000	X7R (EIA)	680pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D821KW02L	DC2000	X7R (EIA)	820pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D102KW02L	DC2000	X7R (EIA)	1000pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR443QR73D102KW01L	DC2000	X7R (EIA)	1000pF +10,-10%	4.5	3.2	1.5	2.5 min.	0.3 min.
GR442DR73D122KW02L	DC2000	X7R (EIA)	1200pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR442DR73D152KW02L	DC2000	X7R (EIA)	1500pF +10,-10%	4.5	2.0	2.0	2.5 min.	0.3 min.
GR443DR73D182KW01L	DC2000	X7R (EIA)	1800pF +10,-10%	4.5	3.2	2.0	2.5 min.	0.3 min.
GR443DR73D222KW01L	DC2000	X7R (EIA)	2200pF +10,-10%	4.5	3.2	2.0	2.5 min.	0.3 min.
GR443DR73D272KW01L	DC2000	X7R (EIA)	2700pF +10,-10%	4.5	3.2	2.0	2.5 min.	0.3 min.
GR443DR73D332KW01L	DC2000	X7R (EIA)	3300pF +10,-10%	4.5	3.2	2.0	2.5 min.	0.3 min.
GR443DR73D392KW01L	DC2000	X7R (EIA)	3900pF +10,-10%	4.5	3.2	2.0	2.5 min.	0.3 min.
GR443ER73D472KW01L	DC2000	X7R (EIA)	4700pF +10,-10%	4.5	3.2	2.5	2.5 min.	0.3 min.

Operating Temperature Range : -55 to +125deg.

DC250V items are designed specifically for telephone line circuit (Tip & Ring).

DC2kV items are designed specifically for telecommunication devices (IEEE802.3) in Ethernet LAN.

Only tape packaging is available.

△Note • This catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering. Especially, please read rating and △CAUTION (for storage, operating, rating, soldering, mounting and handling) in them to prevent smoking and/or burning, etc.
• You are able to read a detailed specifications in the website (<http://search.murata.co.jp/>) before to require our product specifications or to transact the approval sheet for product specifications.