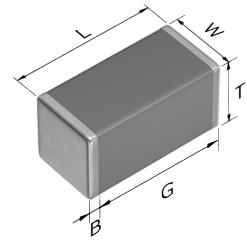


Product Status	Production
TDK Item Description	CGA5C4C0G2J101JT****
Applications	Automotive Grade
Feature	AEC-Q200 AEC-Q200 Mid Mid Voltage (100 to 630V)
Series	CGA5(3216) [EIA 1206]
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



Size	
Length(L)	3.20mm ± 0.20 mm
Width(W)	1.60mm ± 0.20 mm
Thickness(T)	0.60mm ± 0.15 mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern (PA)	2.10mm to 2.50mm(Flow Soldering) 2.00mm to 2.40mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.10mm to 1.30mm(Flow Soldering) 1.00mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PC)	1.00mm to 1.30mm(Flow Soldering) 1.10mm to 1.60mm(Reflow Soldering)

Electrical Characteristics	
Capacitance	100pF $\pm 5\%$
Rated Voltage	630VDC
Temperature Characteristic	C0G(0 ± 30 ppm/ $^{\circ}$ C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000M Ω

Other	
Operating Temp. Range	-55 to 125 $^{\circ}$ C
Soldering Method	Wave (Flow) Reflow
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
FIT (Failure In Time)	 This will be displayed when you login to myTDK

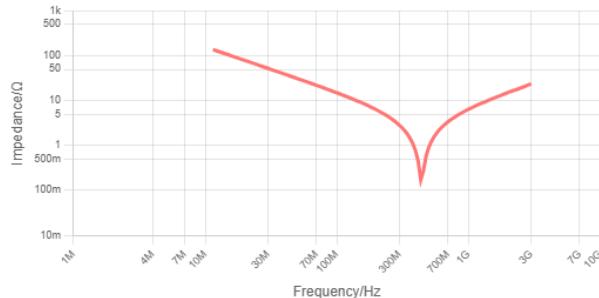
! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

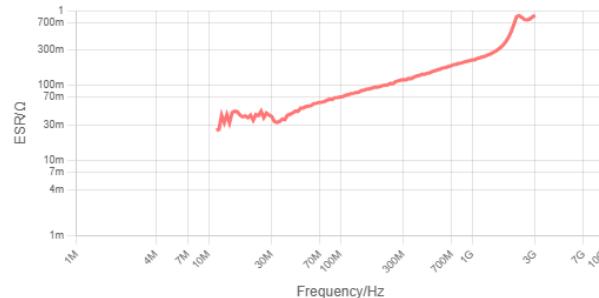
Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)

Impedance



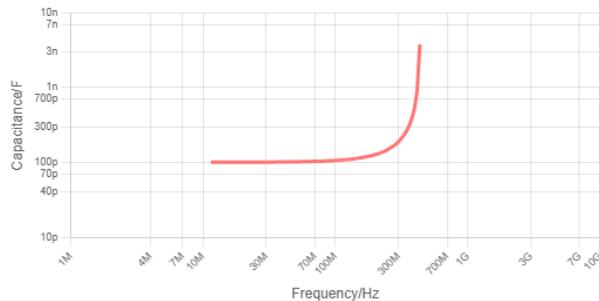
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ESR



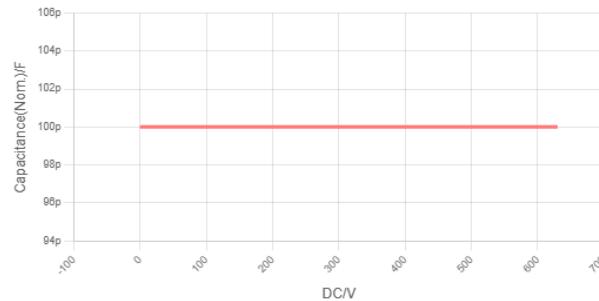
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Capacitance



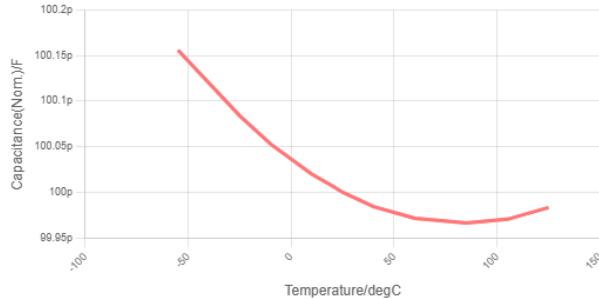
CGA5C4C0G2J101J060AA

DC Bias Characteristic



CGA5C4C0G2J101J060AA

Temperature Characteristic



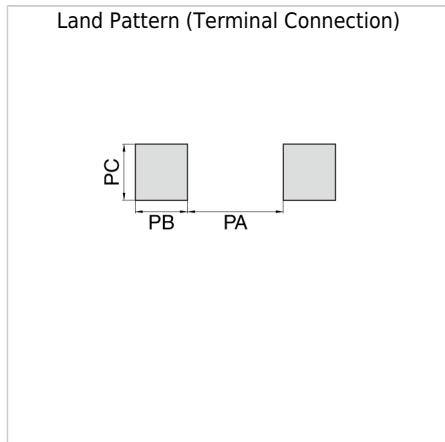
CGA5C4C0G2J101J060AA (No Bias) CGA5C4C0G2J101J060AA (DC Bias = 315V)

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Associated Images



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