

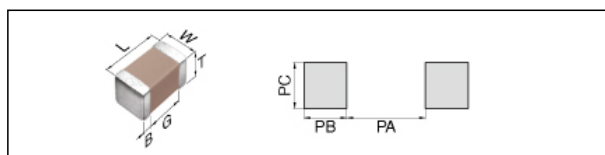
CGA4J2X7R2A104K125AA (TDK item description : CGA4J2X7R2A104KT****)

Applications  Automotive Grade

Feature  Mid Voltage (100 to 630V)

 AEC-Q200

Series CGA4(2012) [EIA CC0805]



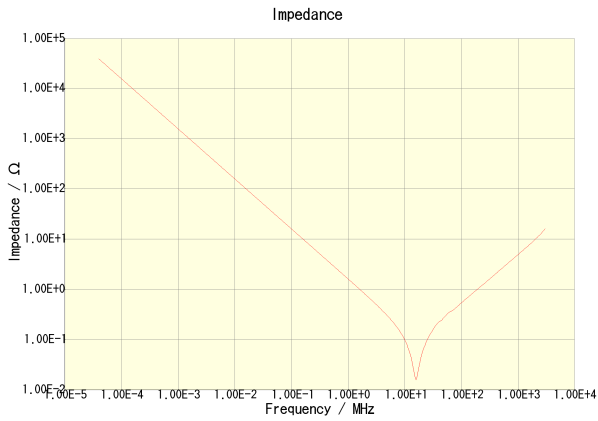
Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	1.25mm +/-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.50mm Min.
Recommended Land Pattern(PA)	1.00 to 1.30mm (Flow Soldering) 0.90 to 1.20mm (Reflow Soldering)
Recommended Land Pattern(PB)	1.00 to 1.20mm (Flow Soldering) 0.70 to 0.90mm (Reflow Soldering)
Recommended Land Pattern(PC)	0.80 to 1.10mm (Flow Soldering) 0.90 to 1.20mm (Reflow Soldering)
Recommended Slit Pattern(SD)	

Electrical Characteristics	
Capacitance	100nF +/-10%
Rated Voltage	100Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	5000MΩ Min.

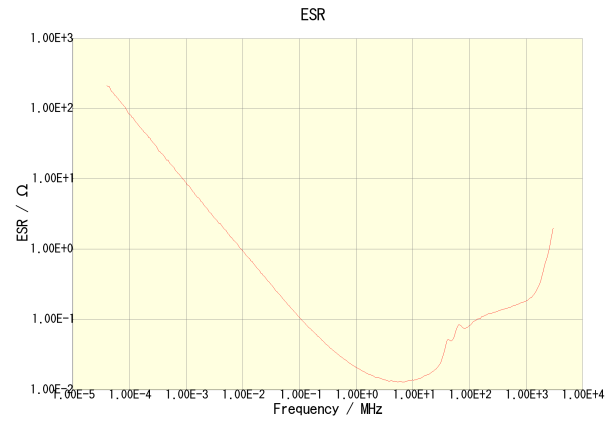
Other	
Soldering Method	Reflow, Flow
AEC Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.

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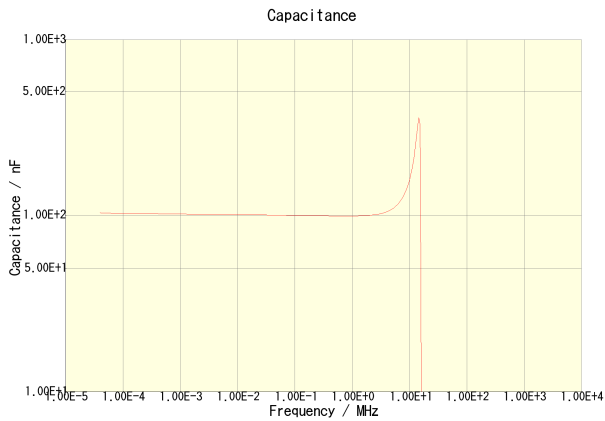
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



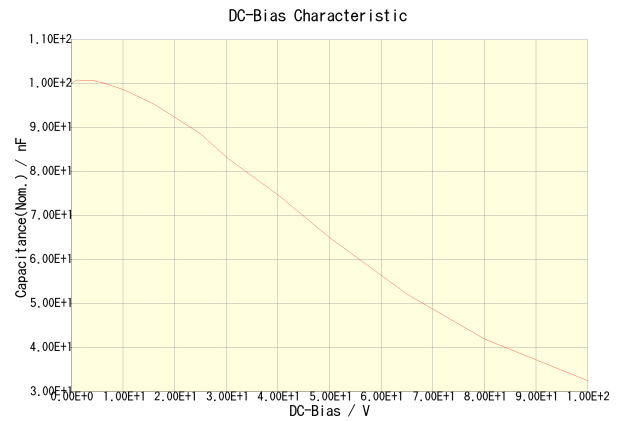
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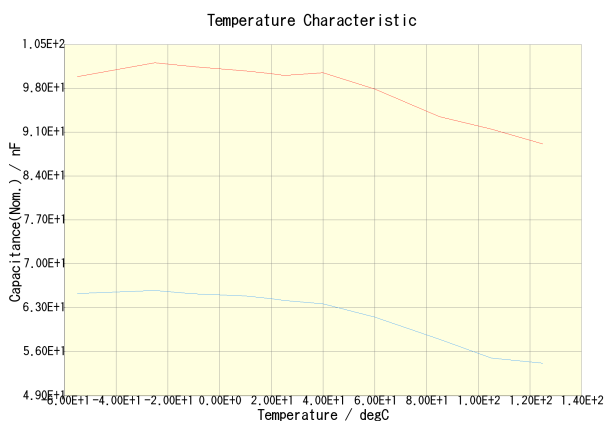
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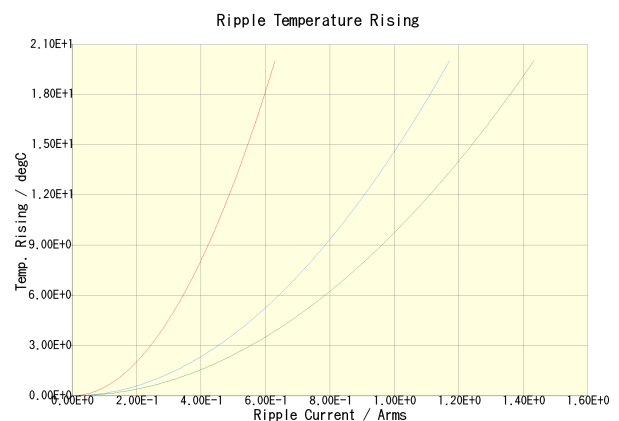
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CGA4J2X7R2A104K125AA



CGA4J2X7R2A104K125AA(DC Bias = 0V) CGA4J2X7R2A104K125AA(DC Bias = 50V)



CGA4J2X7R2A104K125AA(100kHz) CGA4J2X7R2A104K125AA(500kHz)
CGA4J2X7R2A104K125AA(1MHz)