
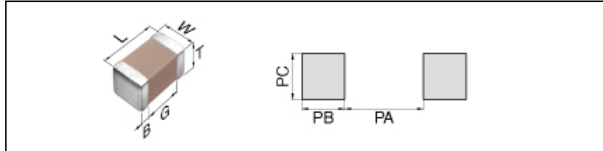


**CGA2B2X7R1H222K050BA** TDK item description : CGA2B2X7R1H222KT\*\*\*\*)

Applications		Automotive Grade
Feature	<b>General</b> <b>AEC-Q200</b>	General (Up to 50V) AEC-Q200
Series	CGA2(1005) [EIA CC0402]	



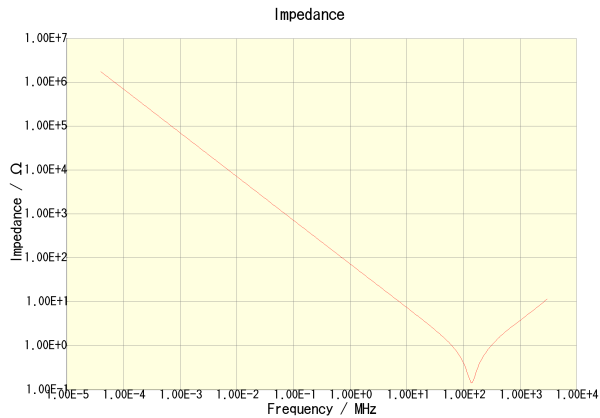
Size	
Length(L)	1.00mm +/-0.05mm
Width(W)	0.50mm +/-0.05mm
Thickness(T)	0.50mm +/-0.05mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern(PA)	0.30 to 0.50mm
Recommended Land Pattern(PB)	0.35 to 0.45mm
Recommended Land Pattern(PC)	0.40 to 0.60mm
Recommended Slit Pattern(SD)	

Electrical Characteristics	
Capacitance	2.2nF +/-10%
Rated Voltage	50Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	10000MΩ Min.

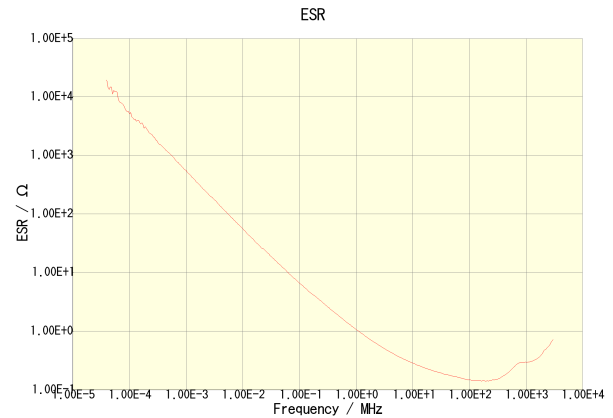
Other	
Soldering Method	Reflow
AEC Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000Pcs Min.

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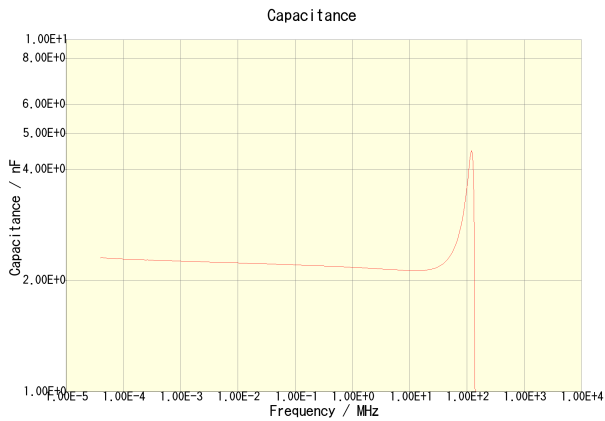
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



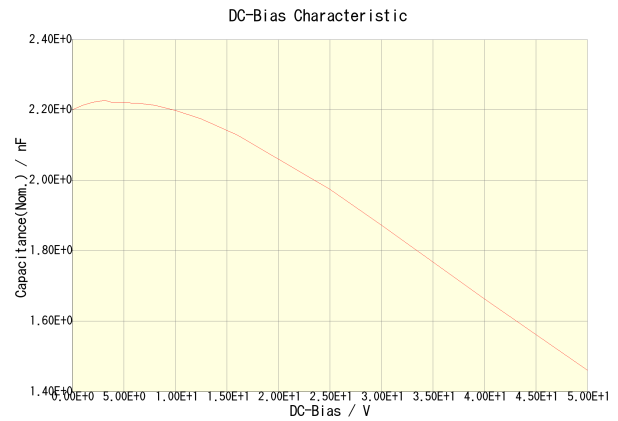
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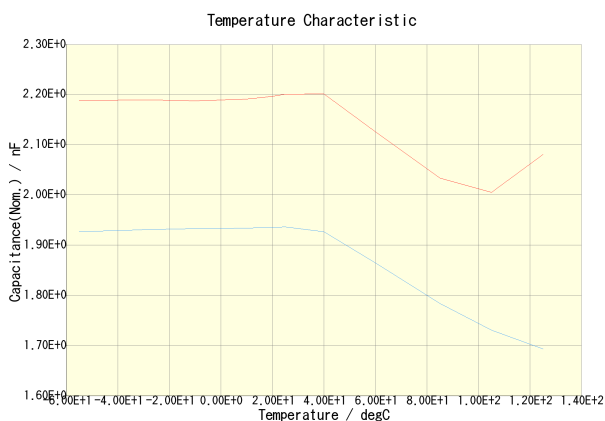
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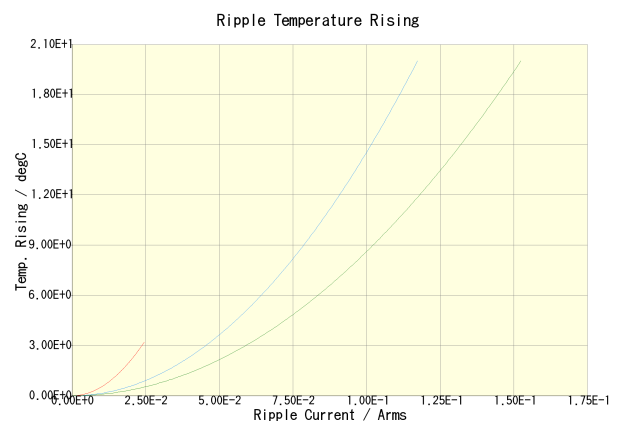
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CGA2B2X7R1H222K050BA



CGA2B2X7R1H222K050BA(DC Bias = 0V) CGA2B2X7R1H222K050BA(DC Bias = 25V)



CGA2B2X7R1H222K050BA(100kHz) CGA2B2X7R1H222K050BA(500kHz)  
CGA2B2X7R1H222K050BA(1MHz)