

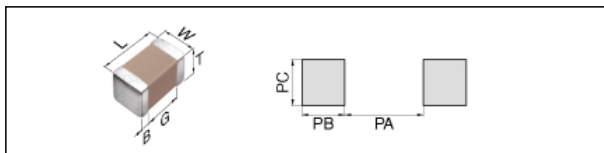


C3225X7R1H105K160AA (TDK item description : C3225X7R1H105KT****)

Applications	 Commercial Grade
	 Please refer to Part No. CGA6L2X7R1H105K160AA for automotive use.
Feature	General General (Up to 50V)
Series	C3225 [EIA CC1210]



Size	
Length(L)	3.20mm +/-0.40mm
Width(W)	2.50mm +/-0.30mm
Thickness(T)	1.60mm +/-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern(PA)	2.00 to 2.40mm
Recommended Land Pattern(PB)	1.00 to 1.20mm
Recommended Land Pattern(PC)	1.90 to 2.50mm
Recommended Slit Pattern(SD)	

Electrical Characteristics	
Capacitance	1uF +/-10%
Rated Voltage	50Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	500MΩ Min.

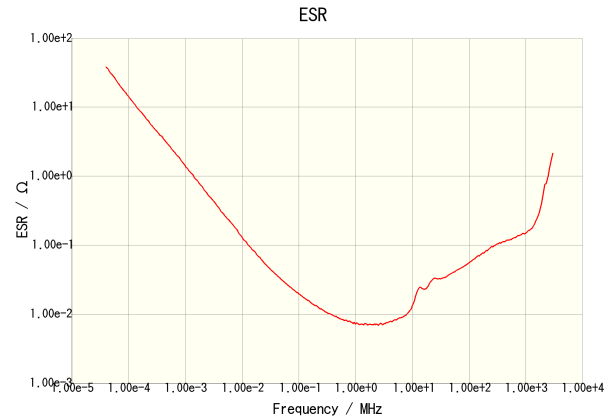
Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.

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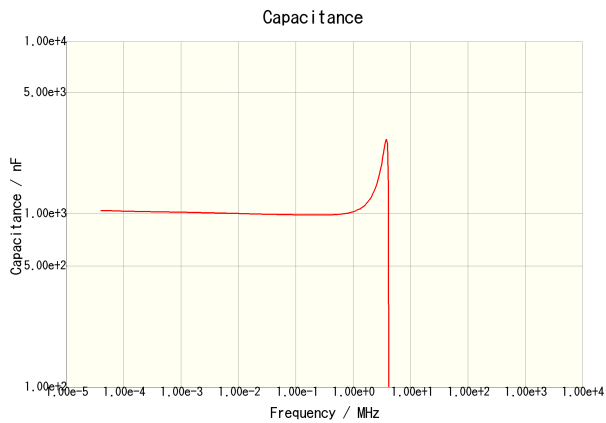
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



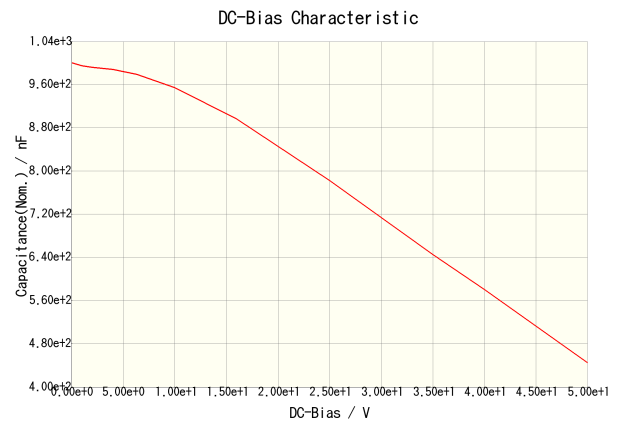
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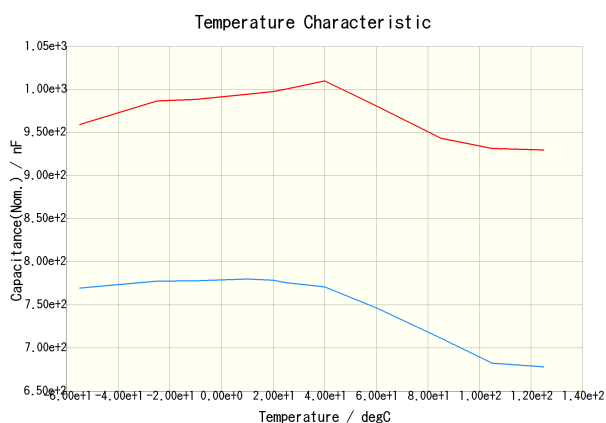
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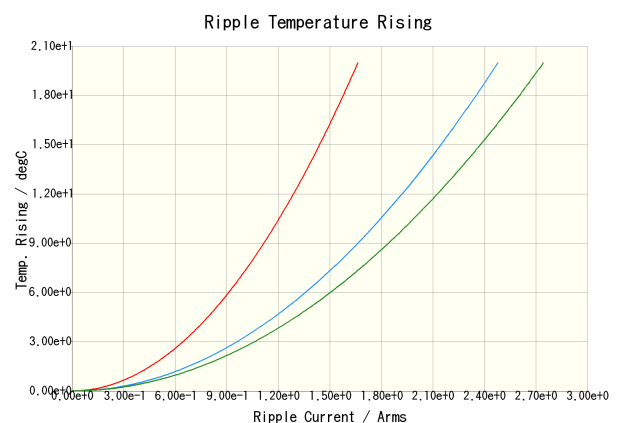
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C3225X7R1H105K160AA



C3225X7R1H105K160AA(DC Bias = 0V) C3225X7R1H105K160AA(DC Bias = 25V)



C3225X7R1H105K160AA(100kHz) C3225X7R1H105K160AA(500kHz)
C3225X7R1H105K160AA(1MHz)