


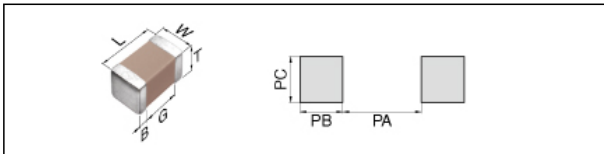


CGA5L3X7S2A225K160AB(TDK item description : CGA5L3X7S2A225KT****)

Applications		Automotive Grade
Feature		Mid Voltage (100 to 630V)
		AEC-Q200
Series	CGA5(3216) [EIA CC1206]	



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

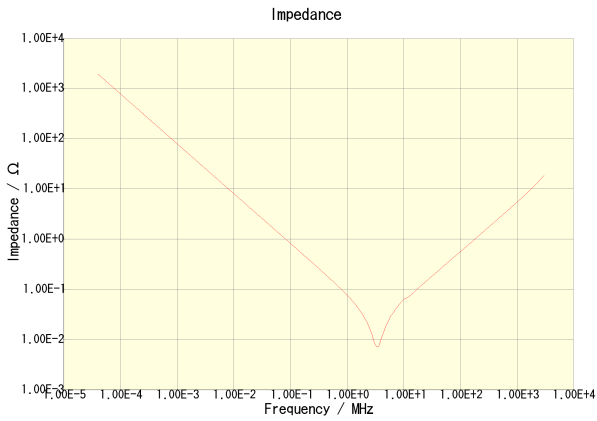
Electrical Characteristics	
Capacitance	2.2uF +/-10%
Rated Voltage	100Vdc
Temperature Characteristic	X75(+/-22%)
Dissipation Factor	5% Max.
Insulation Resistance	227MΩ Min.

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

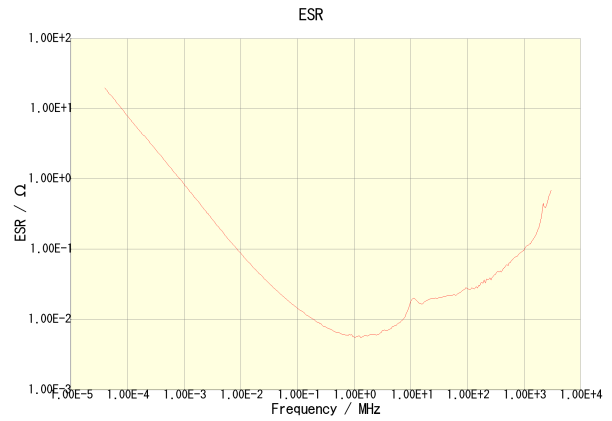
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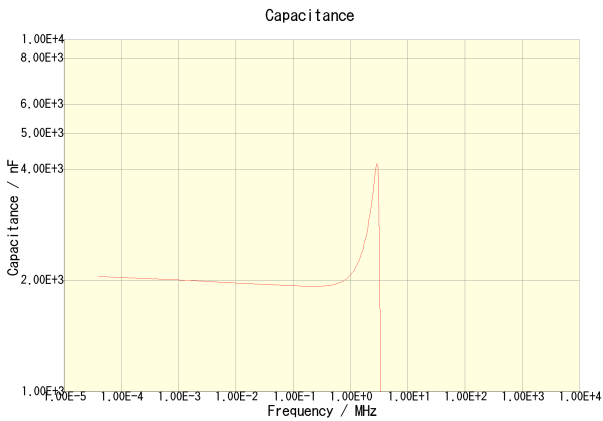
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



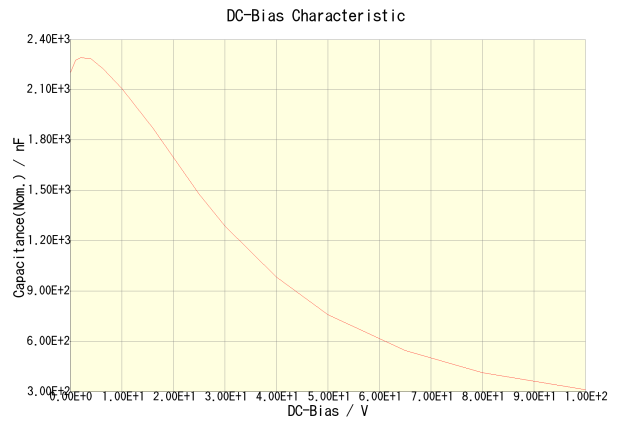
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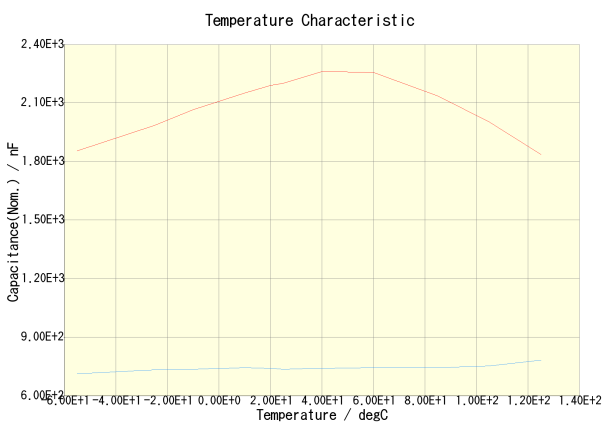
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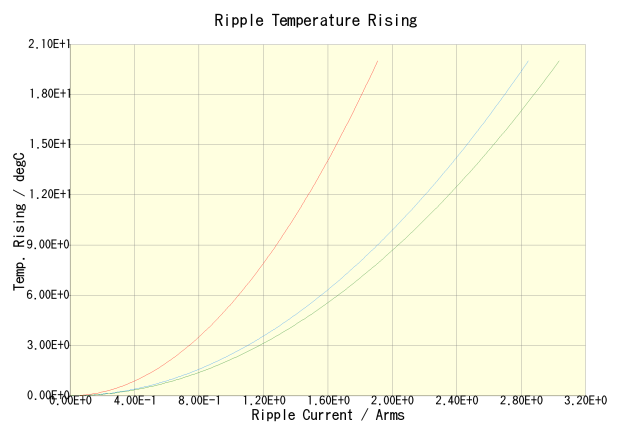
CGA5L3X7S2A225K160AB



CGA5L3X7S2A225K160AB



CGA5L3X7S2A225K160AB(DC Bias = 0V) CGA5L3X7S2A225K160AB(DC Bias = 50V)



CGA5L3X7S2A225K160AB(100kHz) CGA5L3X7S2A225K160AB(500kHz)
CGA5L3X7S2A225K160AB(1MHz)

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