


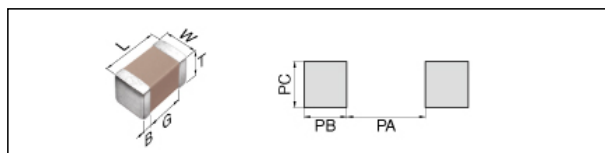


C3216X7R1E335K160AC (TDK item description : C3216X7R1E335KT****)

Applications	 Commercial Grade
	 Please refer to Part No. CGA5L1X7R1E335K160AC for automotive use.
Feature	 General (Up to 50V)
Series	C3216 [EIA CC1206]



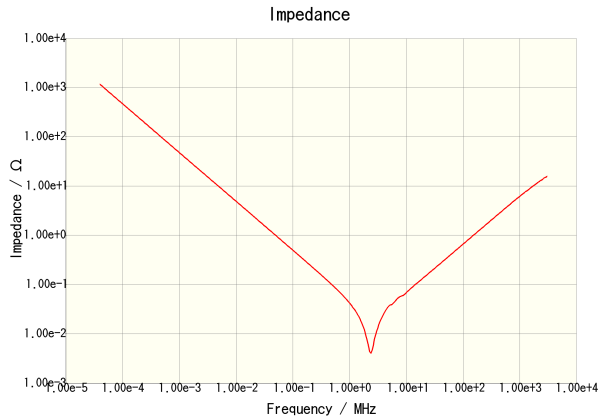
Size	
Length(L)	3.20mm +/-0.20mm
Width(W)	1.60mm +/-0.20mm
Thickness(T)	1.60mm +/-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern(PA)	2.10 to 2.50mm (Flow Soldering) 2.00 to 2.40mm (Reflow Soldering)
Recommended Land Pattern(PB)	1.10 to 1.30mm (Flow Soldering) 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	3.3uF +/-10%
Rated Voltage	25Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	151MΩ Min.

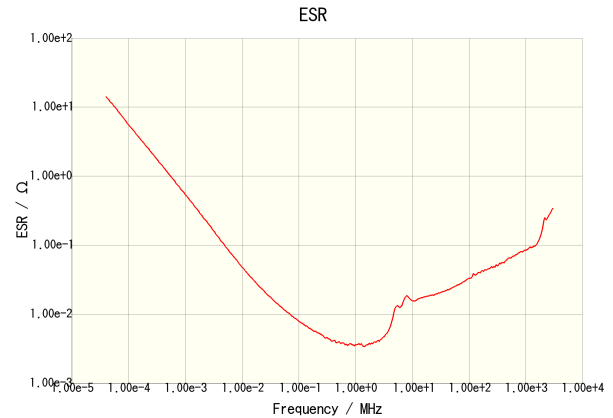
Other	
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.

C3216X7R1E335K160AC

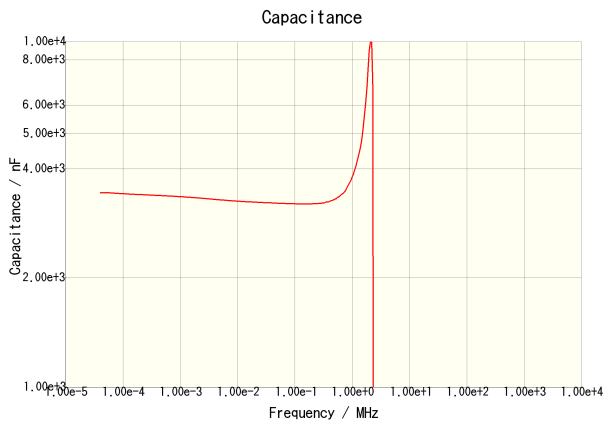
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



C3216X7R1E335K160AC



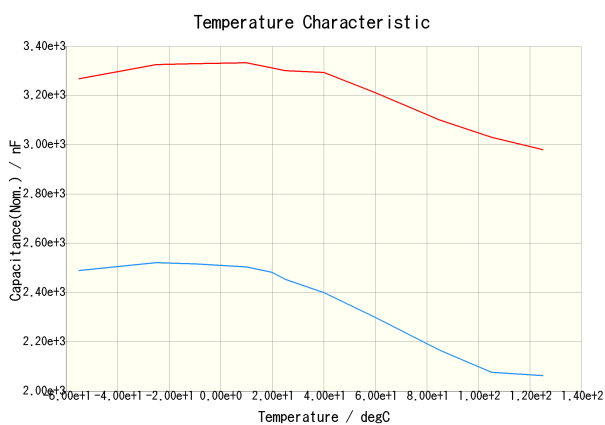
C3216X7R1E335K160AC



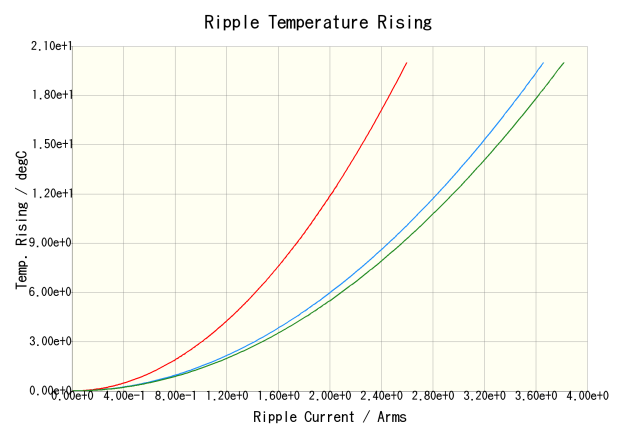
C3216X7R1E335K160AC



C3216X7R1E335K160AC



C3216X7R1E335K160AC(DC Bias = 0V) C3216X7R1E335K160AC(DC Bias = 12.5V)



C3216X7R1E335K160AC(100kHz) C3216X7R1E335K160AC(500kHz)
C3216X7R1E335K160AC(1MHz)