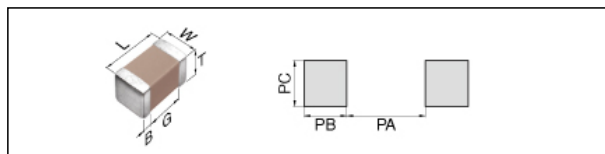


# C3216X5R0J107M160AB (TDK item description : C3216X5R0J107MT\*\*\*\*)

Applications  Commercial Grade

Feature  General (Up to 50V)

Series C3216 [EIA CC1206]



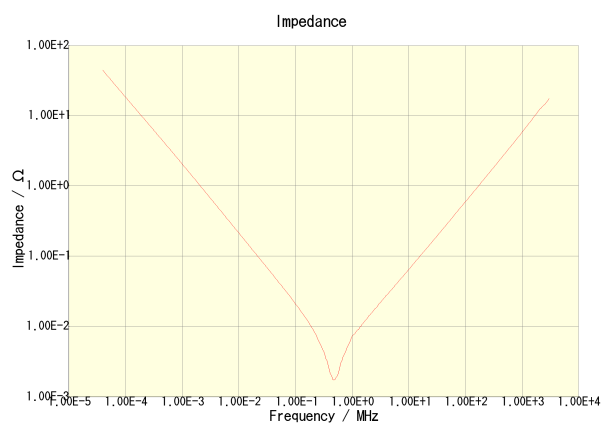
Size	
Length(L)	3.20mm +0.30/-0.10mm
Width(W)	1.60mm +0.30/-0.10mm
Thickness(T)	1.60mm +0.30/-0.10mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern(PA)	2.10 to 2.50mm (Flow Soldering) 2.00 to 2.40mm (Reflow Soldering)
Recommended Land Pattern(PB)	1.10 to 1.30mm (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	100uF +/-20%
Rated Voltage	6.3Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	10% Max.
Insulation Resistance	1MΩ Min.

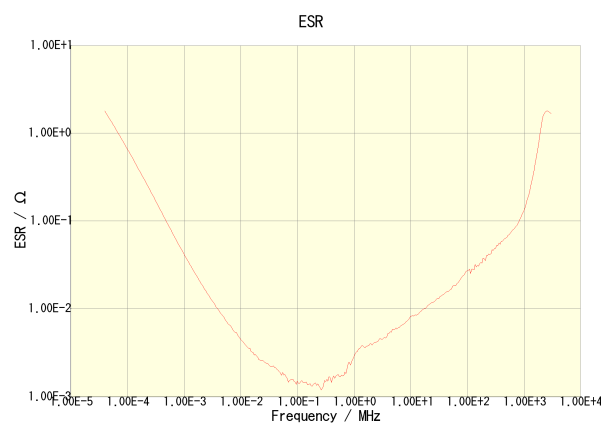
Other	
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.

## C3216X5R0J107M160AB

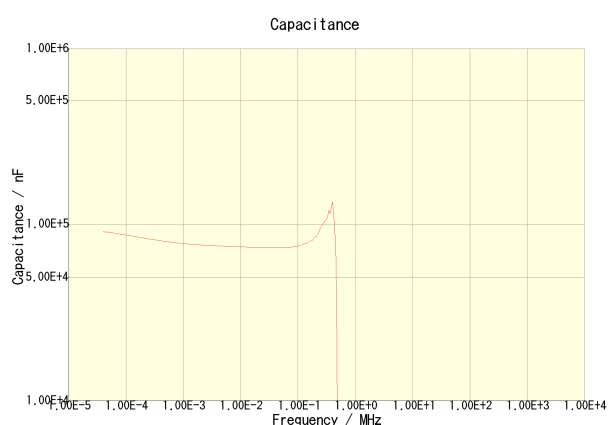
### Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



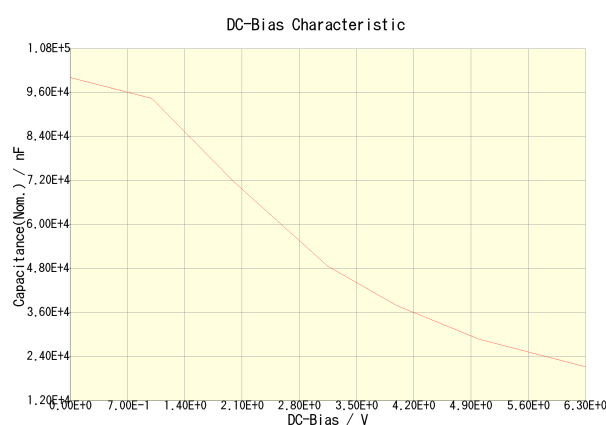
C3216X5R0J107M160AB



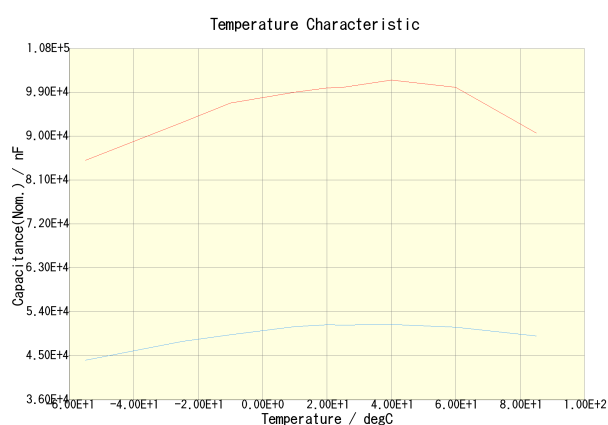
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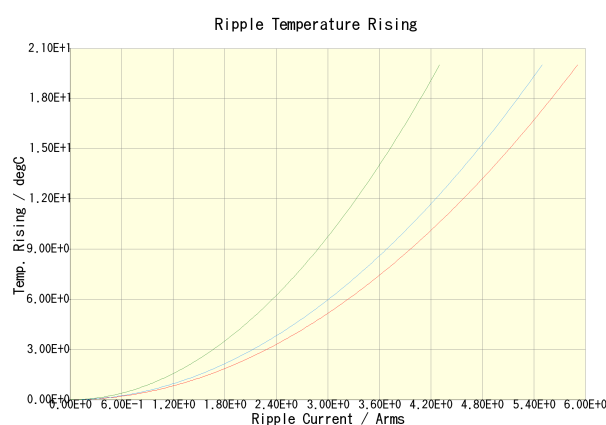
C3216X5R0J107M160AB



C3216X5R0J107M160AB



C3216X5R0J107M160AB(DC Bias = 0V) C3216X5R0J107M160AB(DC Bias = 3.15V)



C3216X5R0J107M160AB(100kHz) C3216X5R0J107M160AB(500kHz)  
C3216X5R0J107M160AB(1MHz)