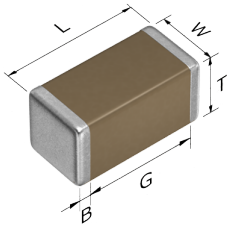


C1005X7R1E103K050BB



TDK item description C1005X7R1E103KT****

Applications	Commercial Grade Please refer to Part No. CGA2B2X7R1E103K050BA for Automotive use.
Feature	General (Up to 75V)
Series	C1005 [EIA 0402]
Status	Production
Brand	TDK



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)	0.30mm to 0.50mm
Recommended Land Pattern (PB)	0.35mm to 0.45mm
Recommended Land Pattern (PC)	0.40mm to 0.60mm

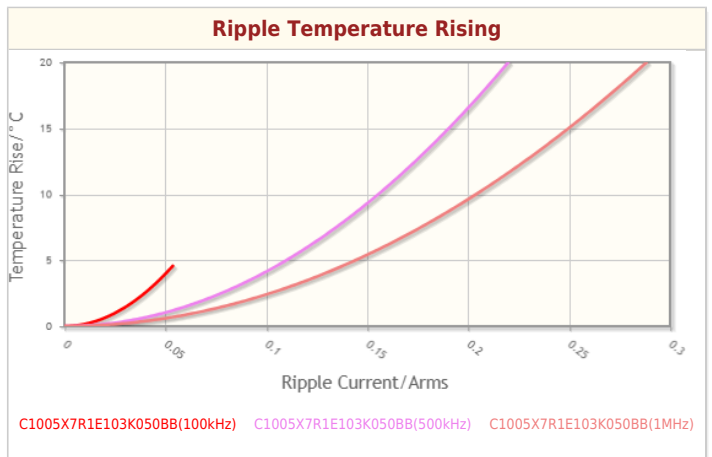
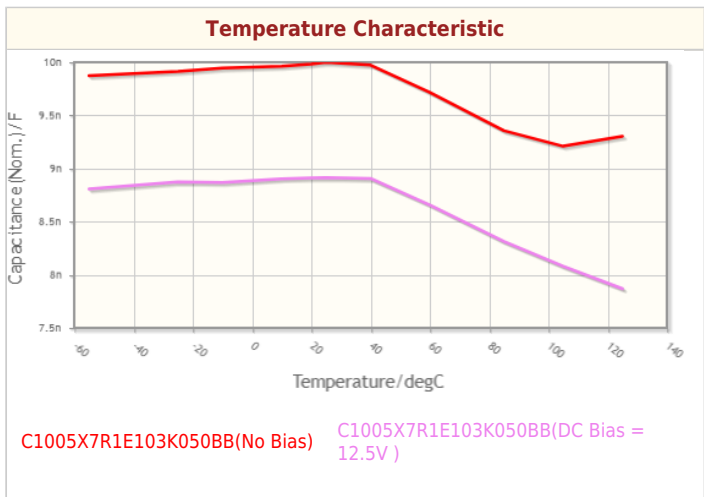
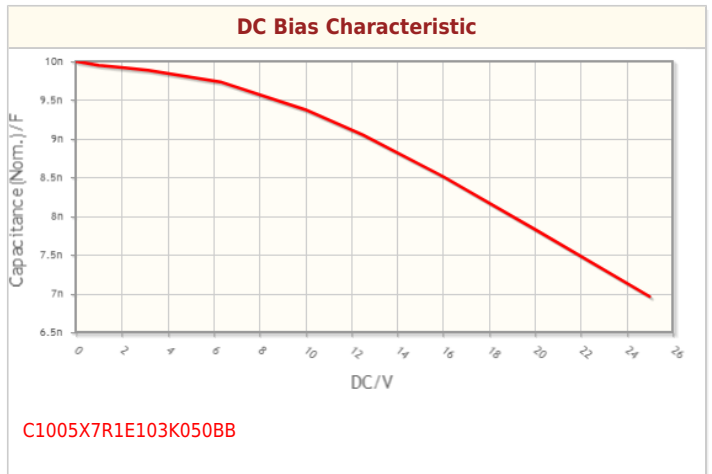
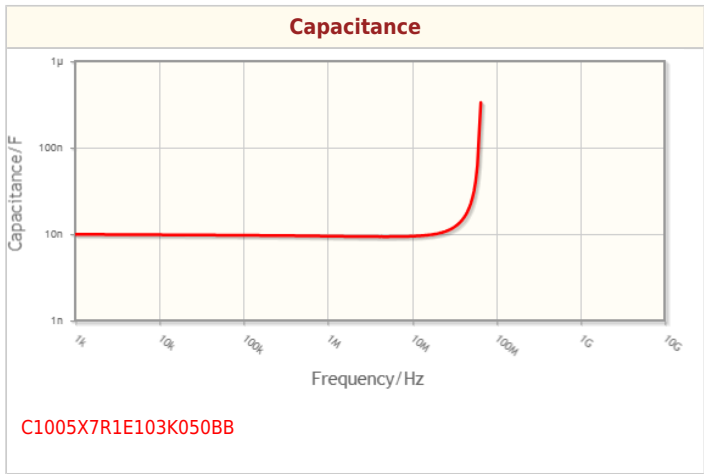
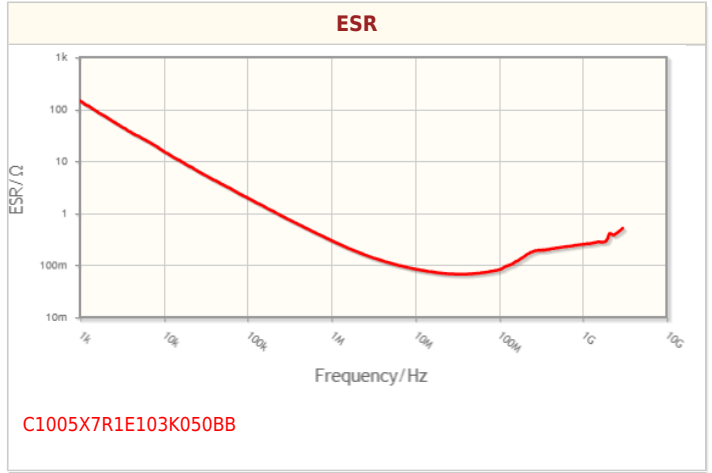
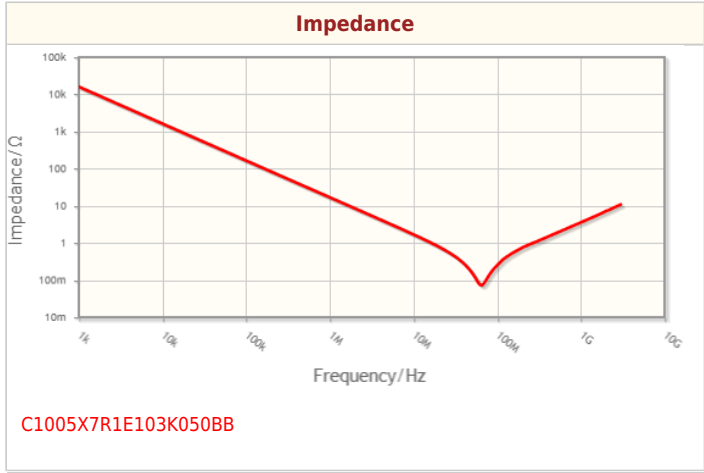
Electrical Characteristics	
Capacitance	10nF ±10%
Rated Voltage	25VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

C1005X7R1E103K050BB



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



C1005X7R1E103K050BB



Associated Images

