

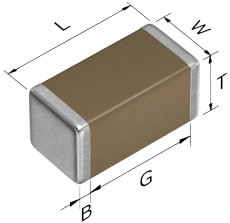


TDK item description C1005X5R1A104KT****

Applications	 Commercial Grade Please refer to Part No. CGA2B2X5R1A104K050BA for Automotive use.
Feature	 General (Up to 75V)
Series	C1005 [EIA 0402]
Status	 Production (Not Recommended for New Design) Recommended Alternate Part No. : C1005X5R1C104K050BA (Interchangeability is not guaranteed.)
Brand	TDK

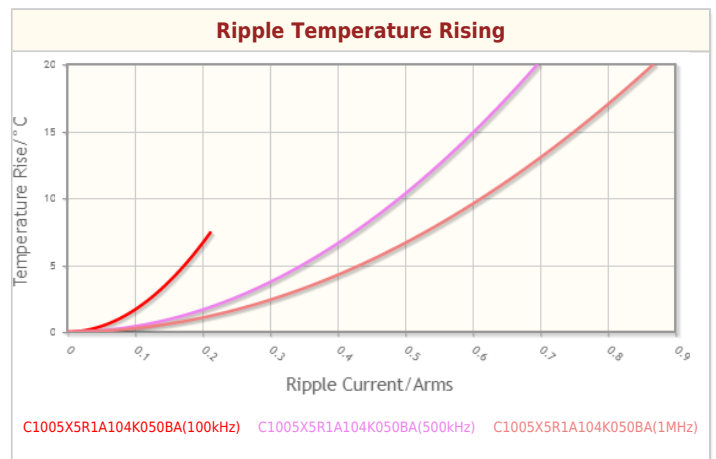
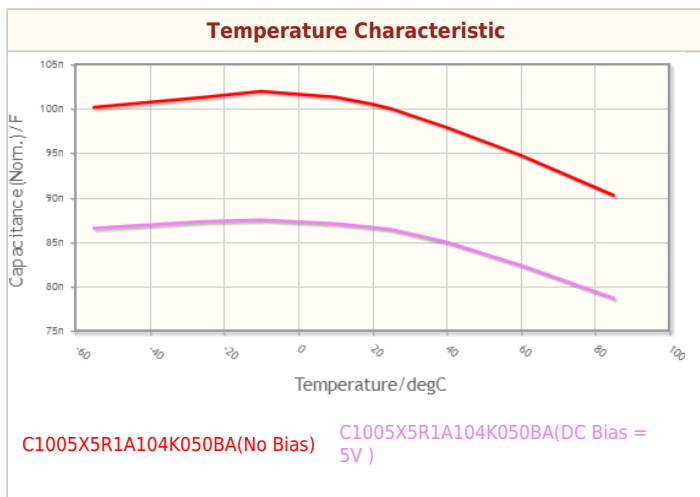
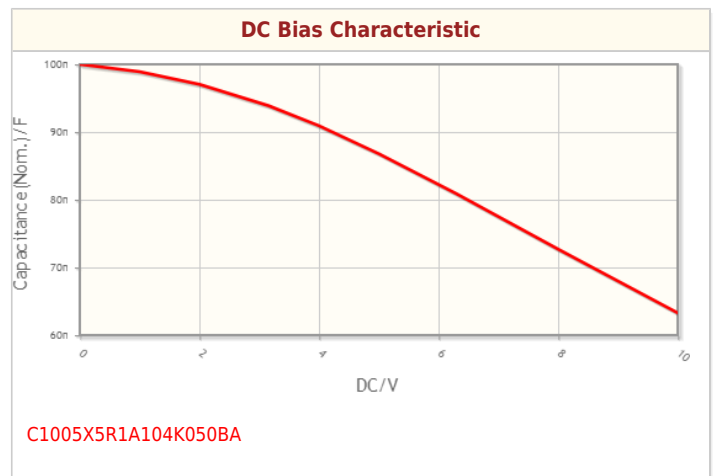
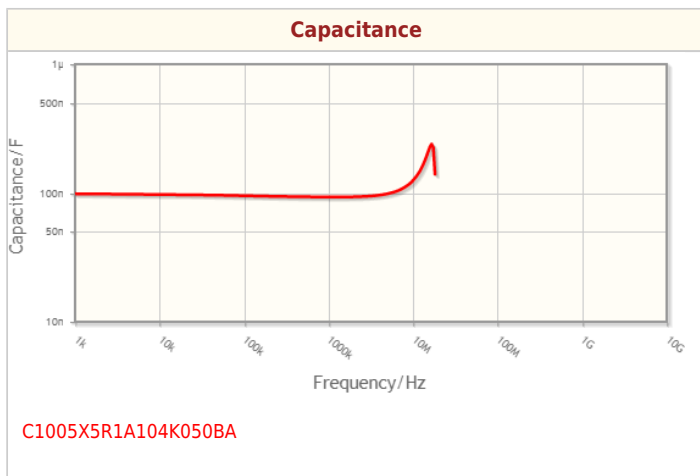
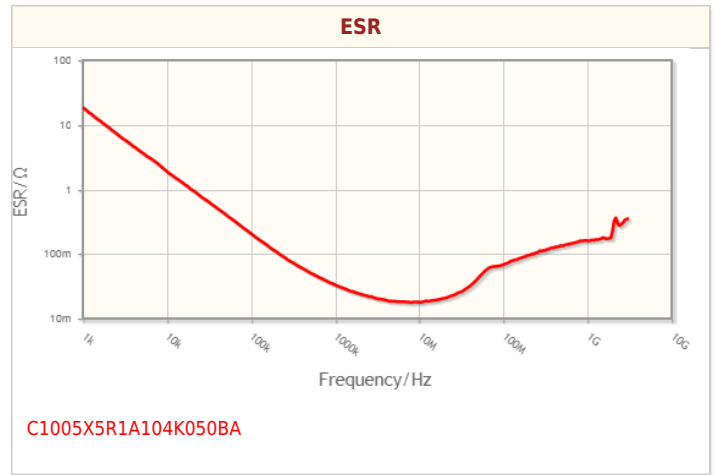
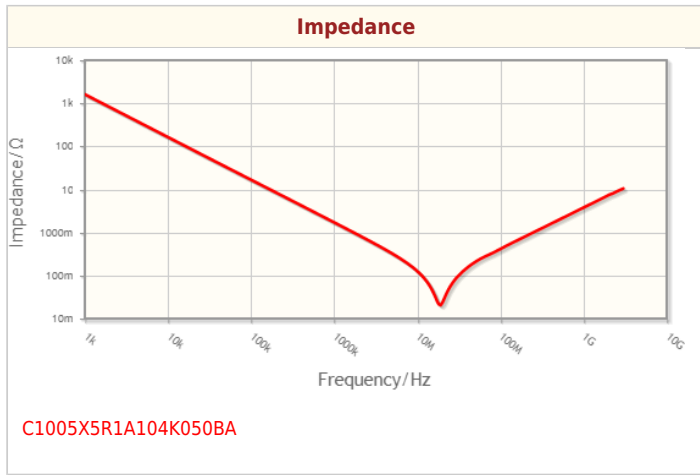


Size	
Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness(T)	0.50mm ±0.05mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.30mm to 0.50mm
Recommended Land Pattern (PB)	0.35mm to 0.45mm
Recommended Land Pattern (PC)	0.40mm to 0.60mm

Electrical Characteristics	
Capacitance	100nF ±10%
Rated Voltage	10VDC
Temperature Characteristic	X5R(±15%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	1000MΩ

Other	
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

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



Associated Images

