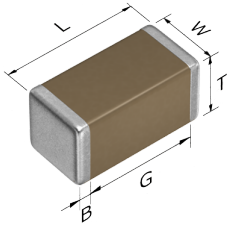


Product Status	Production
TDK Item Description	C1005X5R1E225KT****
Applications	Commercial Grade
Feature	GeneralGeneral (Up to 75V)
Series	C1005 [EIA 0402]
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free



Size	
Length(L)	1.00mm ±0.10mm
Width(W)	0.50mm ±0.10mm
Thickness(T)	0.50mm ±0.10mm
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	2.2μF ±10%
Rated Voltage	25VDC
Temperature Characteristic	X5R(±15%)
Dissipation Factor (Max.)	10%
Insulation Resistance (Min.)	45MΩ

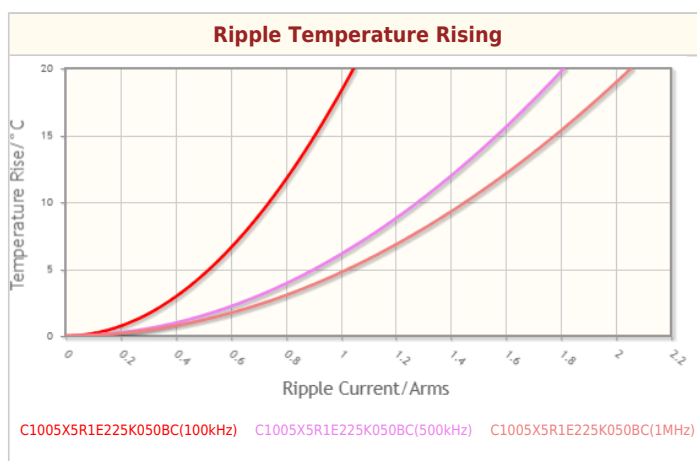
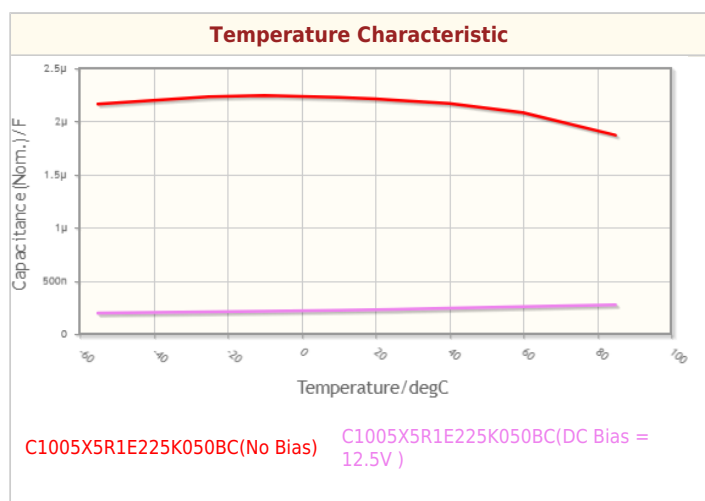
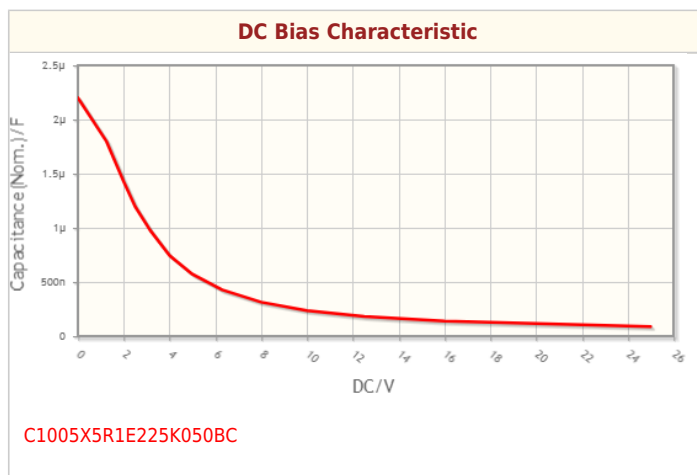
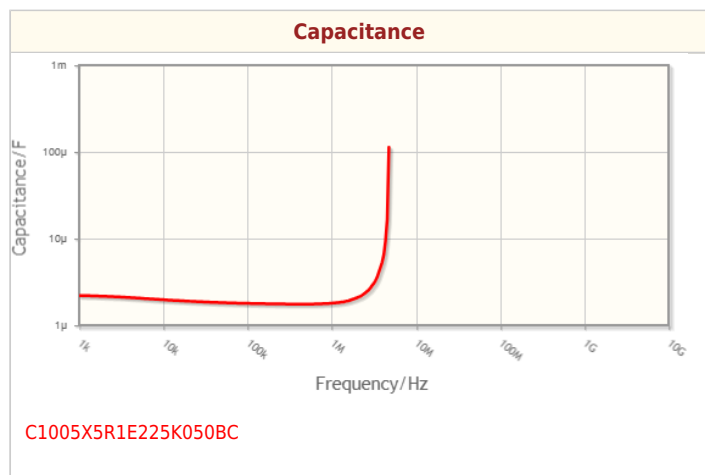
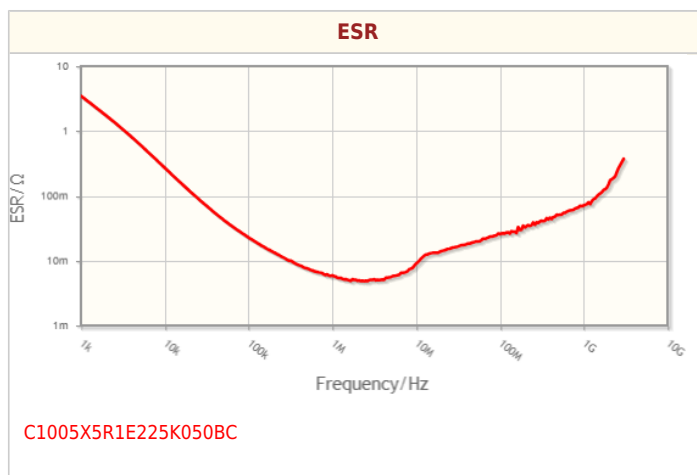
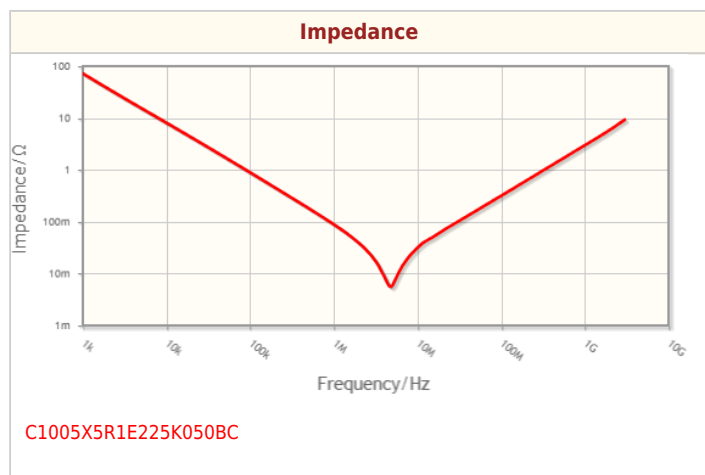
Other	
Operating Temp. Range	-55 to 85°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs
FIT (Failure In Time)	 This will be displayed when you login to myTDK

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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



Associated Images

