




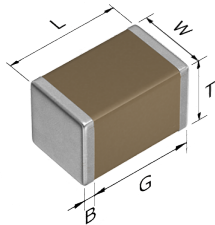


	Production (NRND)
Product Status	Recommended Alternate Part No. : C2012X5R1C225K125AA (Interchangeability is not guaranteed.)
TDK Item Description	C2012X5R1A225KT****
Applications	Commercial Grade Please refer to Part No. CGA4J2X5R1A225K125AA for Automotive use.
Feature	GeneralGeneral (Up to 75V)
Series	C2012 [EIA 0805]
Status	 Production (Not Recommended for New Design) Recommended Alternate Part No. : C2012X5R1C225K125AA (Interchangeability is not guaranteed.)
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness(T)	0.85mm ±0.15mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.50mm Min.
Recommended Land Pattern (PA)	1.00mm to 1.30mm(Flow Soldering) 0.90mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.00mm to 1.20mm(Flow Soldering) 0.70mm to 0.90mm(Reflow Soldering)
Recommended Land Pattern (PC)	0.80mm to 1.10mm(Flow Soldering) 0.90mm to 1.20mm(Reflow Soldering)


Electrical Characteristics	
Capacitance	2.2μF ±10%
Rated Voltage	10VDC
Temperature Characteristic	X5R(±15%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	45MΩ

Other	
Operating Temp. Range	-55 to 85°C
Soldering Method	Wave (Flow) Reflow

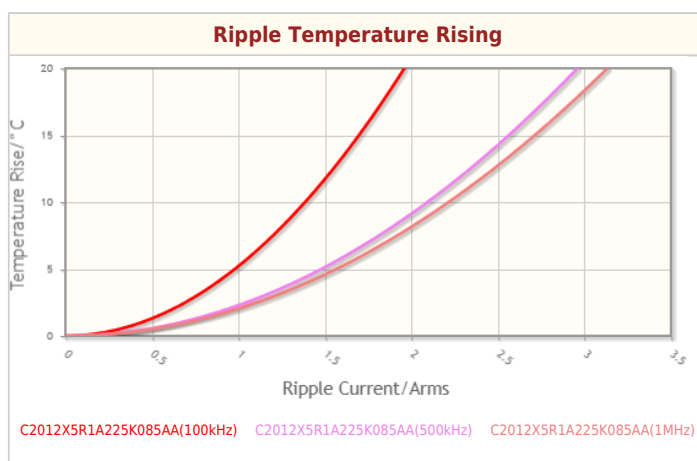
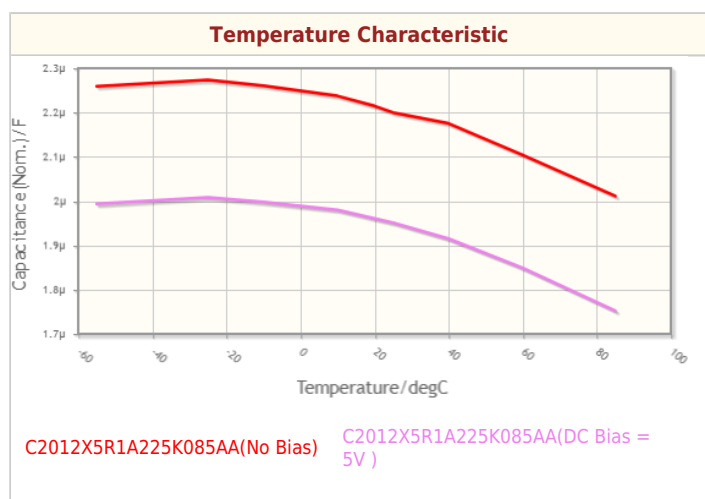
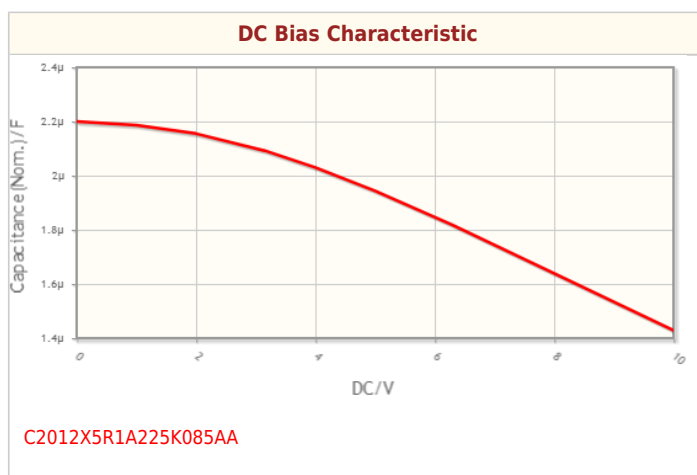
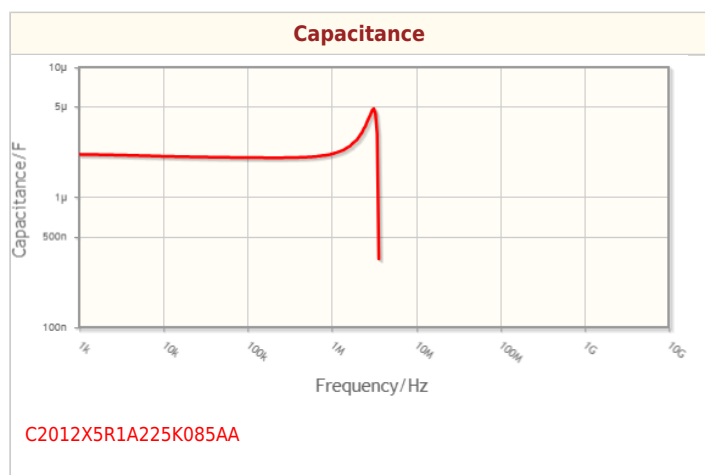
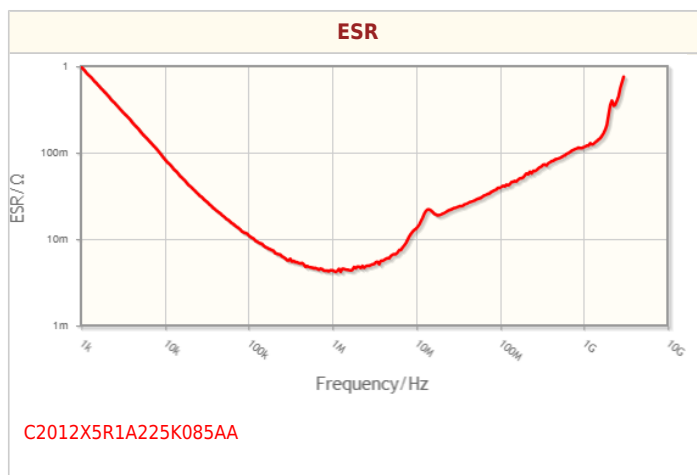
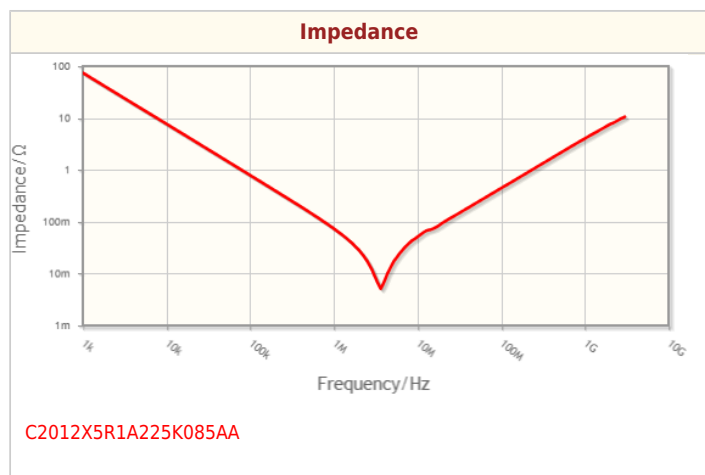
! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.

AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
FIT (Failure In Time)	 This will be displayed when you login to myTDK

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



Associated Images

