



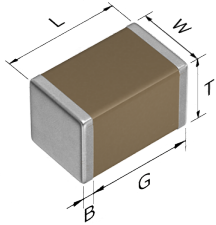


Product Status	Production (NRND)
	Recommended Alternate Part No. : <a href="#">C2012X7R2E103K125AE</a> (Interchangeability is not guaranteed.)
TDK Item Description	C2012X7R2E103MT***S
Applications	Commercial Grade
	Please refer to Part No. <a href="#">CGA4J3X7R2E103M125AE</a> for Automotive use.
Feature	MidMid Voltage (100 to 630V)
	SoftSoft Termination
Series	C2012 [EIA 0805]
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>



Size	
Length(L)	2.00mm +0.45,-0.20mm
Width(W)	1.25mm +0.25,-0.20mm
Thickness(T)	1.25mm +0.25,-0.20mm
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	10nF ±20%
Rated Voltage	250VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Wave (Flow)
	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]

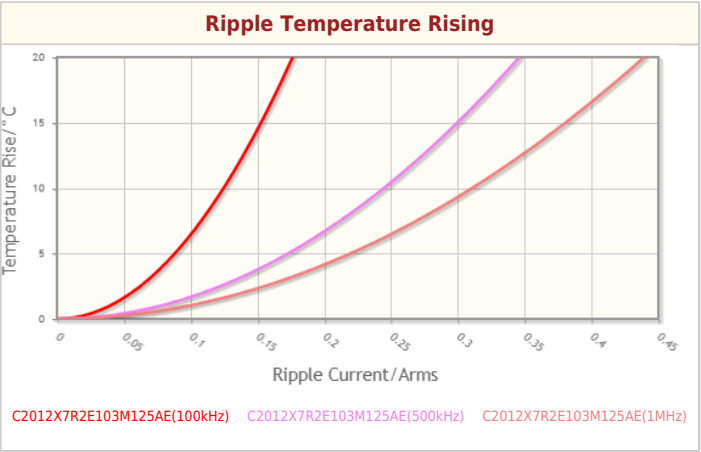
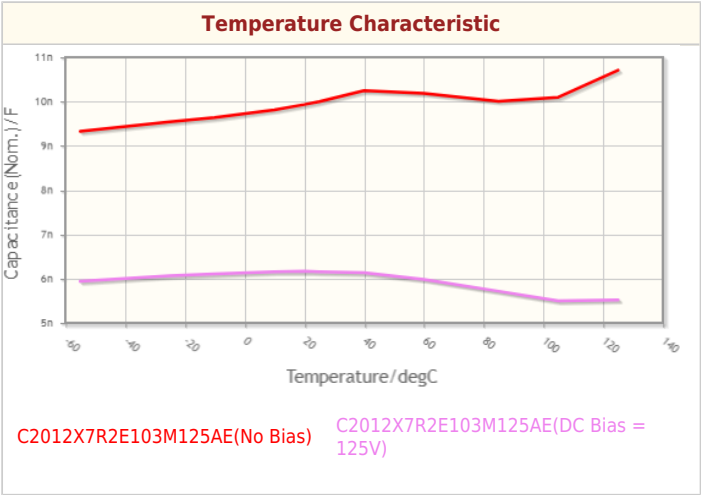
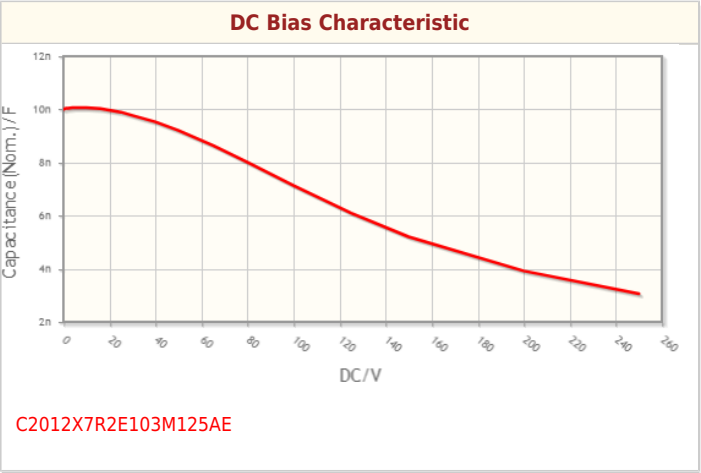
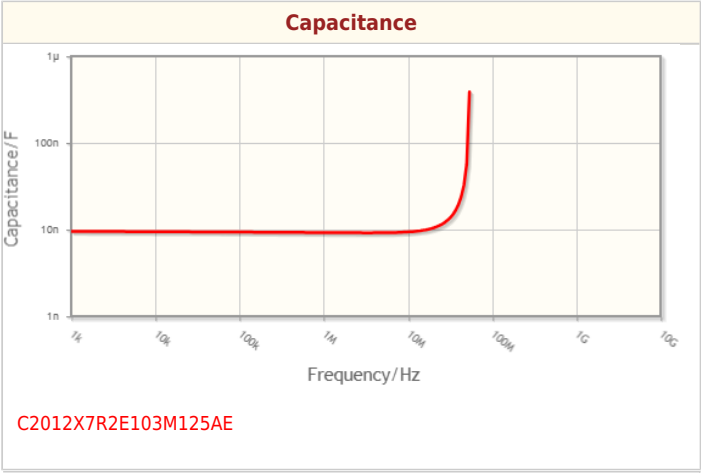
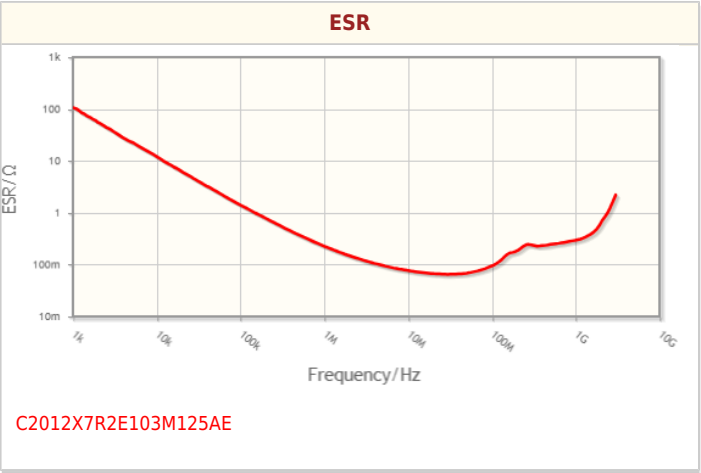
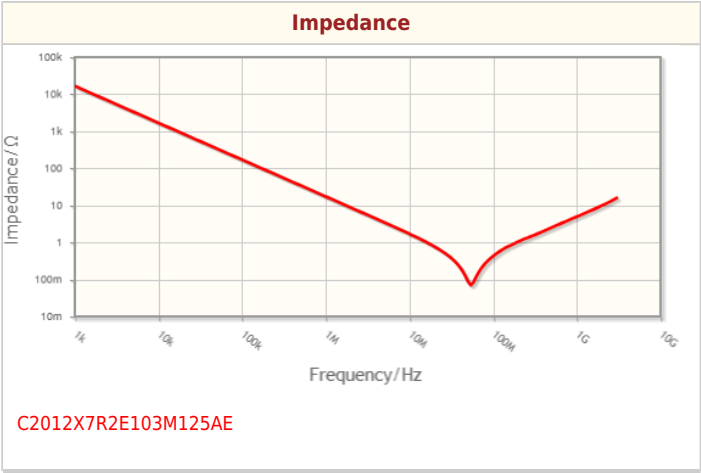
! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.

Package Quantity	2000pcs
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



## Associated Images

