

C2012X7T2E104M125AE

Production (NRND)

Product Status Recommended Alternate Part No. : [C2012X7T2E104K125AE](#) (Interchangeability is not guaranteed.)

TDK Item Description C2012X7T2E104MT***S

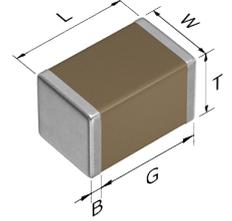
Applications Commercial Grade
Please refer to Part No. [CGA4J3X7T2E104M125AE](#) for Automotive use.

Feature **Mid**Mid Voltage (100 to 630V)
SoftSoft Termination

Series C2012 [EIA 0805]

Brand TDK

Environmental Compliance



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	100nF ±20%
Rated Voltage	250VDC
Temperature Characteristic	X7T(+22,-33%)
Dissipation Factor (Max.)	2.5%
Insulation Resistance (Min.)	5000MΩ

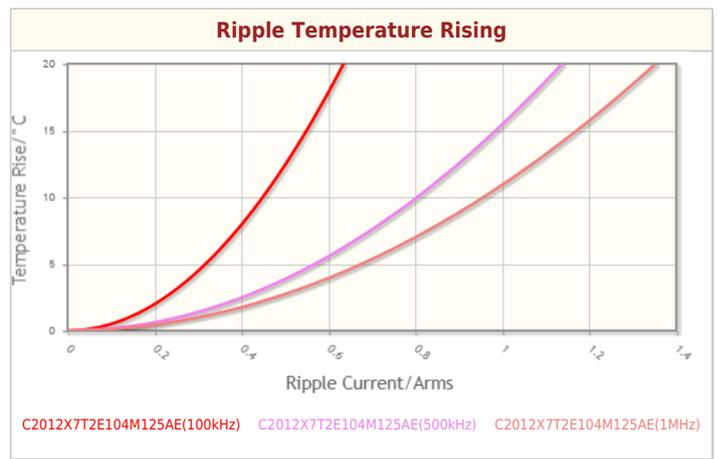
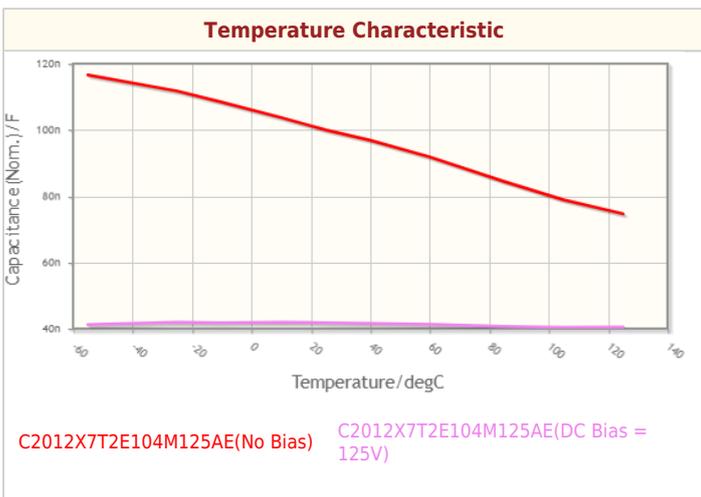
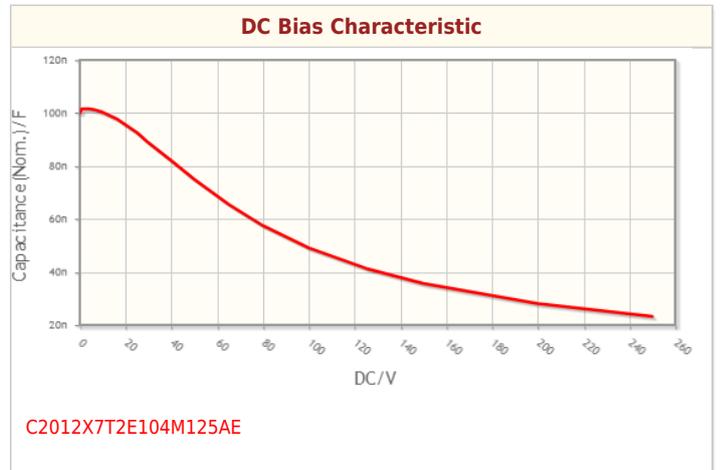
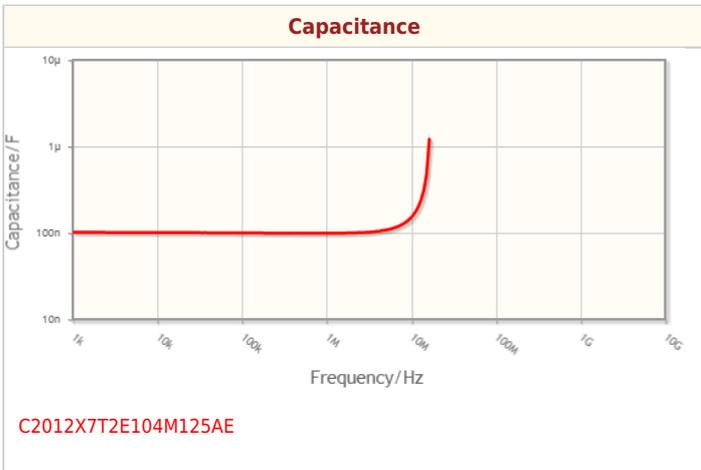
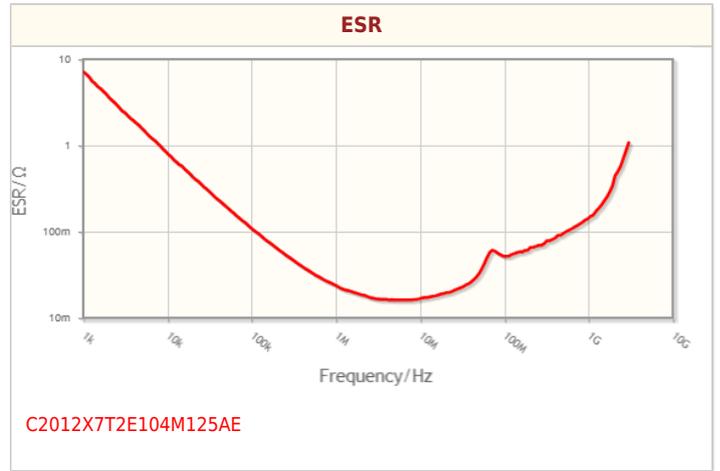
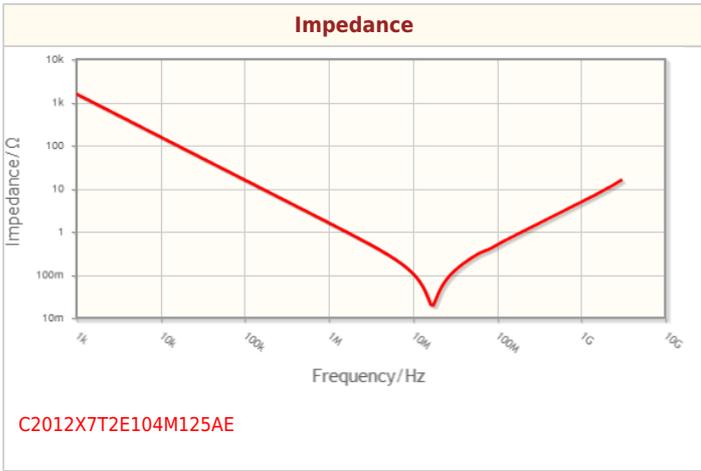
Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Wave (Flow)
	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]

! 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

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



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Associated Images

