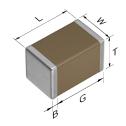
RoHS Reach Halogen Free Pb Free



C2012X7R2E103K125AA

TDK item description C2012X7R2E103KT****

Applications	Commercial Grade Please refer to Part No. <u>CGA4J3X7R2E103K125AA</u> for Automotive use.	
Feature	Mid Mid Voltage (100 to 630V)	
Series	C2012 [EIA 0805]	
Status	Production	



	Size
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness(T)	1.25mm ±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)
neconfinenced Land Fattern (FA)	0.90mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.00mm to 1.20mm(Flow Soldering)
recommended Land Fattern (FB)	0.70mm to 0.90mm(Reflow Soldering)
Recommended Land Pattern (PC)	0.80mm to 1.10mm(Flow Soldering)
neconiniented Edna i detern (i e)	0.90mm to 1.20mm(Reflow Soldering)

Electrical Characteristics		
Capacitance	10nF ±10%	
Rated Voltage	250VDC	
Temperature Characteristic	X7R(±15%)	
Dissipation Factor (Max.)	3%	
Insulation Resistance (Min.)	10000ΜΩ	

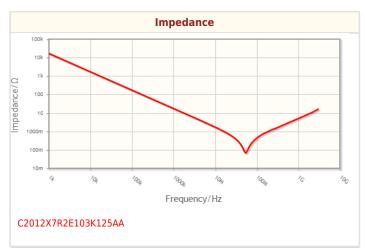
O ther	
Coldoring Mathed	Wave (Flow)
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

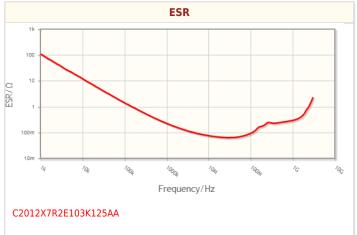
 $^{!\ \}mbox{Images}$ are for reference only and show exemplary products.

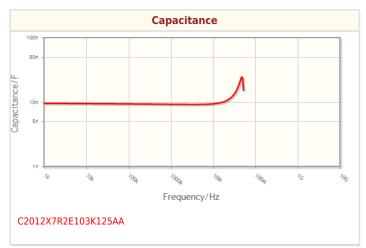
[!] This PDF document was created based on the data listed on the TDK Corporation website.

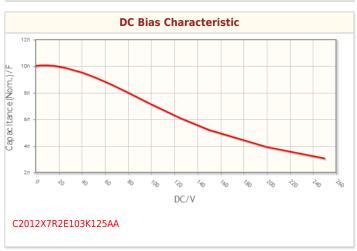
[!] All specifications are subject to change without notice.

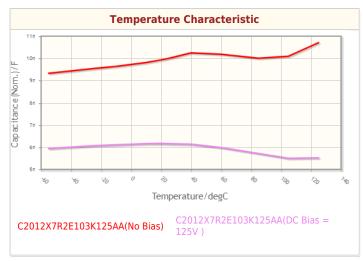
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

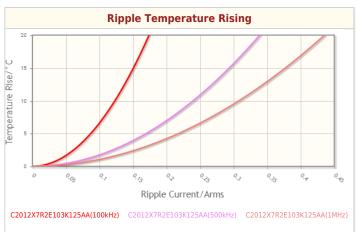












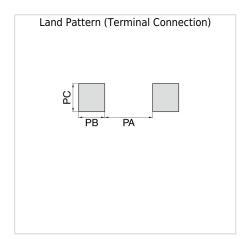
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Associated Images



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