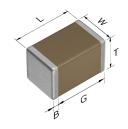


Multilayer Ceramic Chip Capacitors CGA4J3X7R1H105K125AE

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TDK item description CGA4J3X7R1H105KT***S

Applications	Automotive Grade
Feature	AEC-Q200 AEC-Q200 Soft Termination
Series	CGA4(2012) [EIA 0805]
Status	Production
Brand	TDK



	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)
Neconiniended 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)
necommended Editor ditem (1 C)	0.90mm to 1.20mm(Reflow Soldering)

Electrical Characteristics		
Capacitance	1μF ±10%	
Rated Voltage	50VDC	
Temperature Characteristic	X7R(±15%)	
Dissipation Factor (Max.)	5%	
Insulation Resistance (Min.)	500ΜΩ	

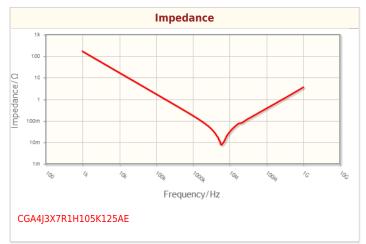
Other	
Caldarina Mathad	Wave (Flow)
Soldering Method	Reflow
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

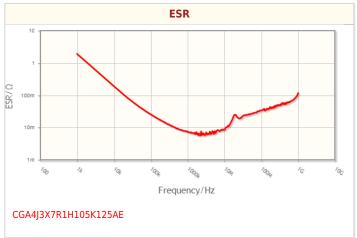
[!] Images are for reference only and show exemplary products.

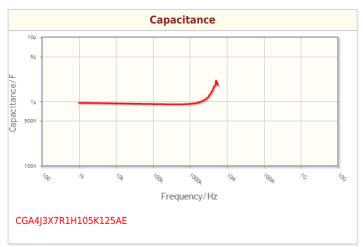
[!] This PDF document was created based on the data listed on the TDK Corporation website.

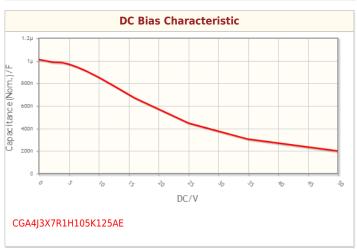
 $^{! \ \}mbox{All specifications}$ are subject to change without notice.

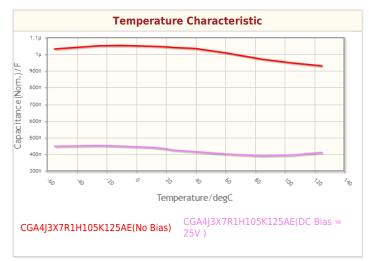
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

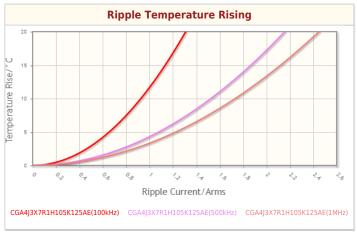












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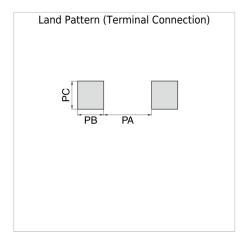
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Associated Images

CGA4J3X7R1H105K125AE



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