# Multilayer Ceramic Chip Capacitors

#### CGA8M1X7T2J224K200KC



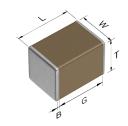






#### TDK item description CGA8M1X7T2J224KT\*\*\*\*

Applications	Automotive Grade	
Feature	AEC-Q200 AEC-Q200 Mid Mid Voltage (100 to 630V)	
Series	CGA8(4532) [EIA 1812]	
Status	Production	
Brand	TDK	



	Size
Length(L)	4.50mm ±0.40mm
Width(W)	3.20mm ±0.40mm
Thickness(T)	2.00mm ±0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	3.10mm to 3.70mm
Recommended Land Pattern (PB)	1.20mm to 1.40mm
Recommended Land Pattern (PC)	2.40mm to 3.20mm

Electrical Characteristics		
Capacitance	220nF ±10%	
Rated Voltage	630VDC	
Temperature Characteristic	X7T(+22,-33%)	
Dissipation Factor (Max.)	2.5%	
Insulation Resistance (Min.)	2272ΜΩ	

Other		
Operating Temp. Range	-55 to 125°C	
Soldering Method	Reflow	
AEC-Q200	YES	
Packing	Embossed (Plastic)Taping [180mm Reel]	
Package Quantity	1000pcs	

<sup>!</sup> Images are for reference only and show exemplary products.

<sup>!</sup> This PDF document was created based on the data listed on the TDK Corporation website.

 $<sup>! \ \</sup>mbox{All specifications}$  are subject to change without notice.

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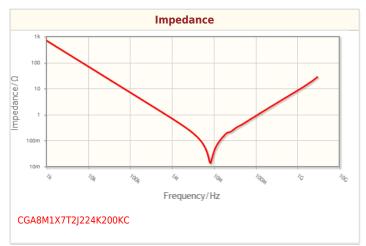


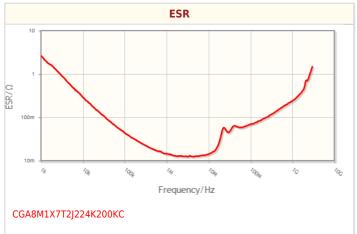


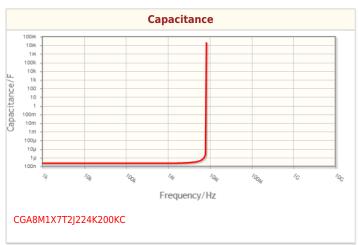




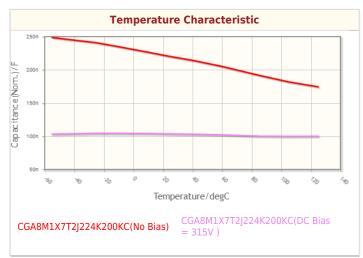
### Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

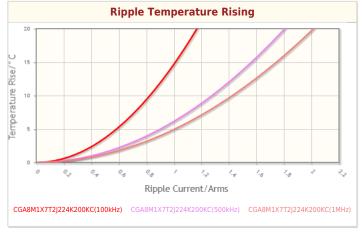












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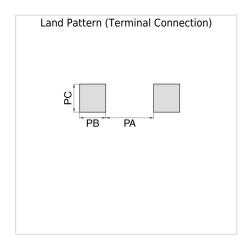








## **Associated Images**



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