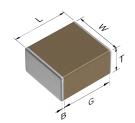


# Multilayer Ceramic Chip Capacitors

### CGA9P4X7T2W105K250KA

Product Status	Production	
TDK Item Description	CGA9P4X7T2W105KT****	
Applications	Automotive Grade	
Feature	AEC-Q200AEC-Q200 MidMid Voltage (100 to 630V)	
Series	CGA9(5750) [EIA 2220]	
Brand	TDK	
Environmental Compliance	ROHS REACH Halogen Free Lead Free	



	Size
Length(L)	5.70mm ±0.40mm
Width(W)	5.00mm ±0.40mm
Thickness(T)	2.50mm ±0.30mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	4.10mm to 4.80mm
Recommended Land Pattern (PB)	1.20mm to 1.40mm
Recommended Land Pattern (PC)	4.00mm to 5.00mm

Electrical Characteristics		
Capacitance	1μF ±10%	
Rated Voltage	450VDC	
Temperature Characteristic	X7T(+22,-33%)	
Dissipation Factor (Max.)	2.5%	
Insulation Resistance (Min.)	500ΜΩ	

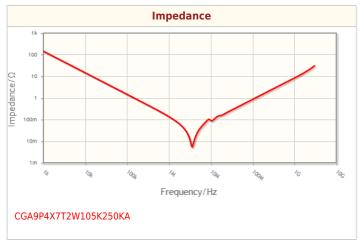
Other		
Operating Temp. Range	-55 to 125°C	
Soldering Method	Reflow	
AEC-Q200	YES	
Packing	Embossed (Plastic)Taping [180mm Reel]	
Package Quantity	500pcs	

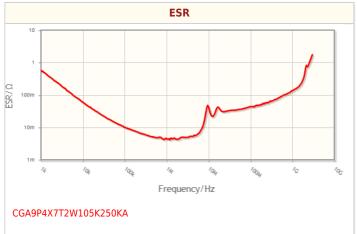
<sup>!</sup> Images are for reference only and show exemplary products.

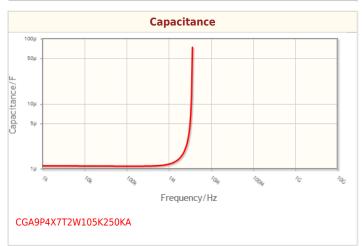
<sup>!</sup> This PDF document was created based on the data listed on the TDK Corporation website. ! All specifications are subject to change without notice.

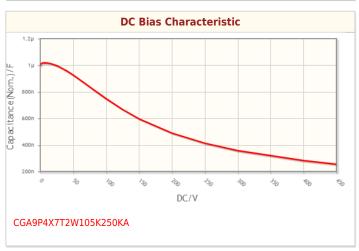
#### CGA9P4X7T2W105K250KA

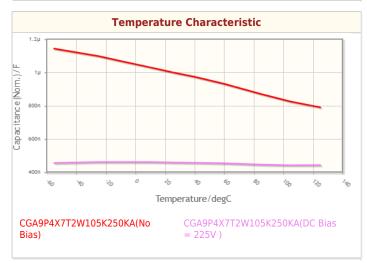
### Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

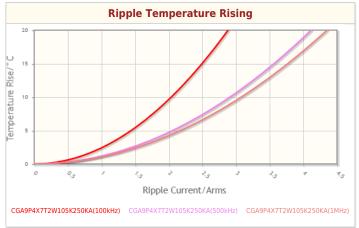












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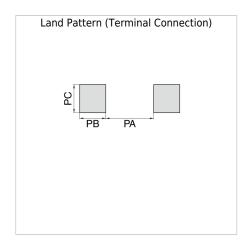
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# Multilayer Ceramic Chip Capacitors

### CGA9P4X7T2W105K250KA

## **Associated Images**



 $<sup>!\ \</sup>mbox{lmages}$  are for reference only and show exemplary products.

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