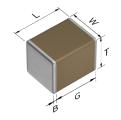


# Multilayer Ceramic Chip Capacitors

### CGA6P1X7R1E106M250AC

<b>Product Status</b>	Production		
TDK Item Description	CGA6P1X7R1E106MT****		
Applications	Automotive Grade		
Feature	AEC-Q200AEC-Q200 GeneralGeneral (Up to 50V)		
Series	CGA6(3225) [EIA 1210]		
Brand	TDK		
Environmental Compliance	ROHS REACH Halogen Free Lead Free		



	Size
Length(L)	3.20mm ±0.40mm
Width(W)	2.50mm ±0.30mm
Thickness(T)	2.50mm ±0.30mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	2.00mm to 2.40mm
Recommended Land Pattern (PB)	1.00mm to 1.20mm
Recommended Land Pattern (PC)	1.90mm to 2.50mm

Electrical Characteristics		
Capacitance	10μF ±20%	
Rated Voltage	25VDC	
Temperature Characteristic	X7R(±15%)	
Dissipation Factor (Max.)	3%	
Insulation Resistance (Min.)	50ΜΩ	

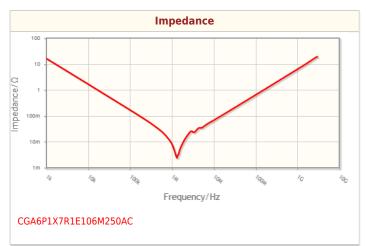
Other		
Operating Temp. Range	-55 to 125°C	
Soldering Method	Reflow	
AEC-Q200	YES	
Packing	Embossed (Plastic)Taping [180mm Reel]	
Package Quantity	1000pcs	

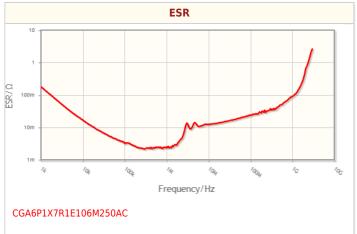
<sup>!</sup> Images are for reference only and show exemplary products.

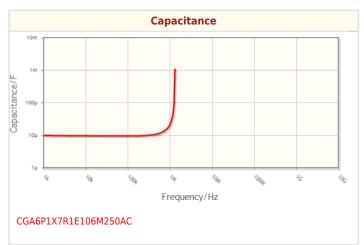
<sup>!</sup> This PDF document was created based on the data listed on the TDK Corporation website. ! All specifications are subject to change without notice.

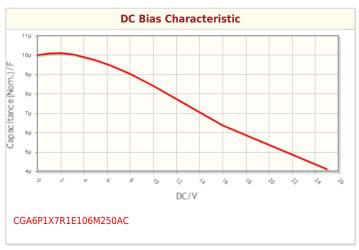
#### CGA6P1X7R1E106M250AC

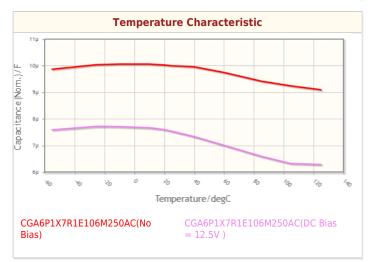
## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

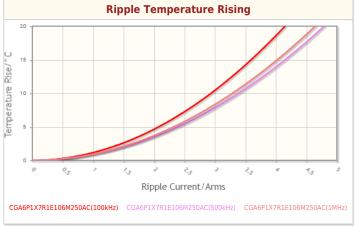












<sup>!</sup> Images are for reference only and show exemplary products.

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

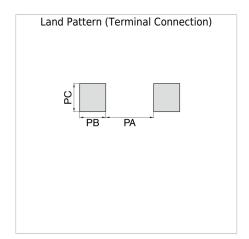
<sup>!</sup> All specifications are subject to change without notice.



# Multilayer Ceramic Chip Capacitors

#### CGA6P1X7R1E106M250AC

# **Associated Images**



 $<sup>!\ \</sup>mbox{lmages}$  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.