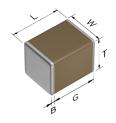


## Multilayer Ceramic Chip Capacitors CGA6L2X7R1H105K160AE

RoHS Reach Halogen Free Pb Free

## **TDK item description** CGA6L2X7R1H105KT\*\*\*S

Applications	Automotive Grade	
Feature	AEC-Q200 AEC-Q200 Soft Termination	
Series	CGA6(3225) [EIA 1210]	
Status	Production	



Size		
Length(L)	3.20mm +0.50,-0.40mm	
Width(W)	2.50mm ±0.30mm	
Thickness(T)	1.60mm +0.30,-0.20mm	
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	$1\mu$ F $\pm 10\%$	
Rated Voltage	50VDC	
Temperature Characteristic	X7R(±15%)	
Dissipation Factor (Max.)	3%	
Insulation Resistance (Min.)	500ΜΩ	

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

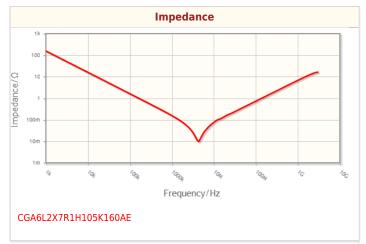
<sup>!</sup> Images are for reference only and show exemplary products.

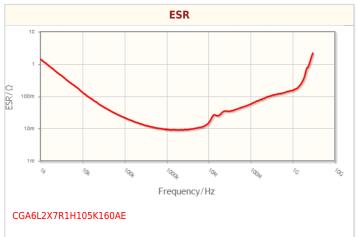
<sup>!</sup> This PDF document was created based on the data listed on the TDK Corporation website.

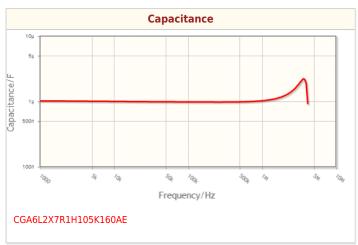
 $<sup>! \ \</sup>mbox{All specifications}$  are subject to change without notice.

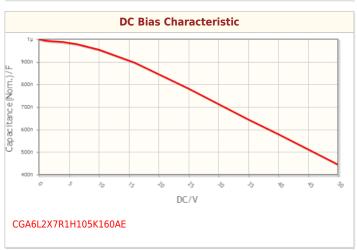
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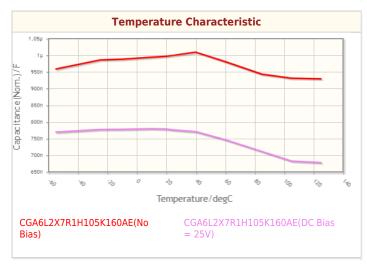
## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

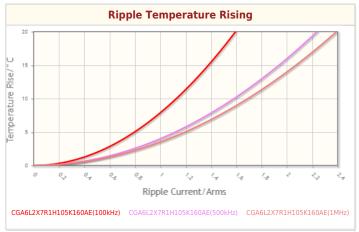












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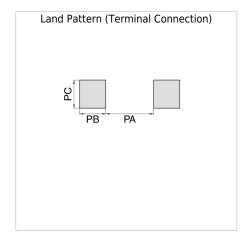
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Multilayer Ceramic Chip Capacitors CGA6L2X7R1H105K160AE

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## **Associated Images**



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