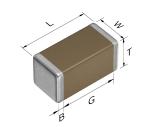


Multilayer Ceramic Chip Capacitors

CGA2B2X8R1H102K050BA

Product Status	Production		
TDK Item Description CGA2B2X8R1H102KT****			
Applications	Automotive Grade		
Feature	AEC-Q200AEC-Q200 150°CHigh Temperature Application		
Series	CGA2(1005) [EIA 0402]		
Brand	TDK		
Environmental Compliance	ROHS REACH Halogen Free Lead Free		



	Size
Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness(T)	0.50mm ±0.05mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.30mm to 0.50mm
Recommended Land Pattern (PB)	0.35mm to 0.45mm
Recommended Land Pattern (PC)	0.40mm to 0.60mm

Electrical Characteristics		
Capacitance	1nF ±10%	
Rated Voltage	50VDC	
Temperature Characteristic	X8R(±15%)	
Dissipation Factor (Max.)	3%	
Insulation Resistance (Min.)	10000ΜΩ	

	Other
Operating Temp. Range	-55 to 150°C
Soldering Method	Reflow
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

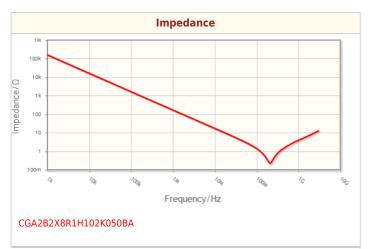
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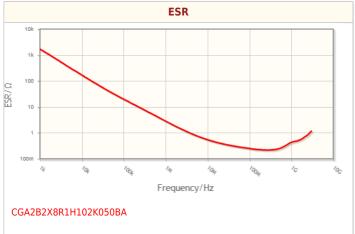
[!] Images are for reference only and show exemplary products.

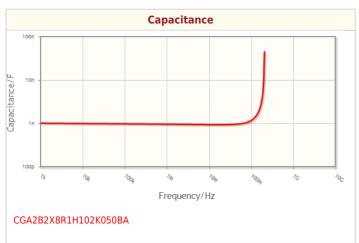
[!] This PDF document was created based on the data listed on the TDK Corporation website. ! All specifications are subject to change without notice.

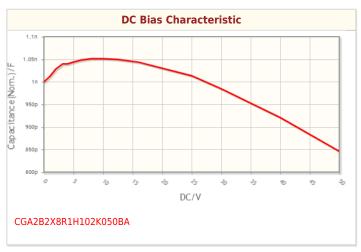
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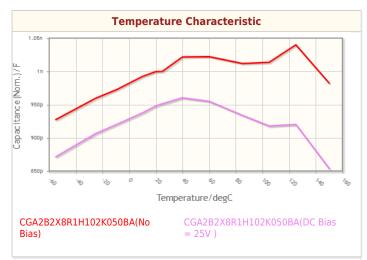
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

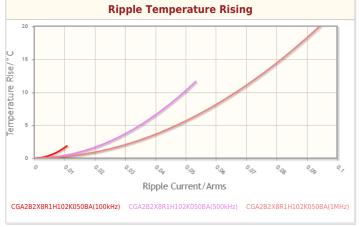












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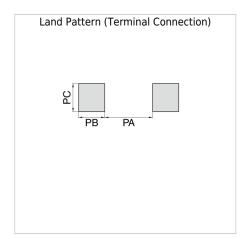
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Multilayer Ceramic Chip Capacitors

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Associated Images



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