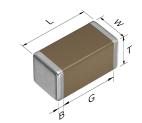


# Multilayer Ceramic Chip Capacitors

## CGA2B2X8R1H471K050BD

Product Status	Production		
TDK Item Description	CGA2B2X8R1H471KT***B		
Applications	Automotive Grade		
	AEC-Q200AEC-Q200		
Feature	150°CHigh Temperature Application		
	GlueConductive Epoxy Application		
Series	CGA2(1005) [EIA 0402]		
Brand	TDK		
Environmental Compliance	ROHS REACH Halogen Free Lead Free		



	Size	
Length(L)	1.00mm ±0.15mm	
Width(W)	0.50mm ±0.10mm	
Thickness(T)	0.50mm ±0.10mm	
Terminal Width(B)	0.10mm Min.	
Terminal Spacing(G)	0.30mm Min.	
Recommended Land Pattern (PA)		
Recommended Land Pattern (PB)		
Recommended Land Pattern (PC)		

Electrical Characteristics		
Capacitance	470pF ±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	Conductive Epoxy	
AEC-Q200	YES	
Packing	Punched (Paper)Taping [180mm Reel]	
Package Quantity	10000pcs	

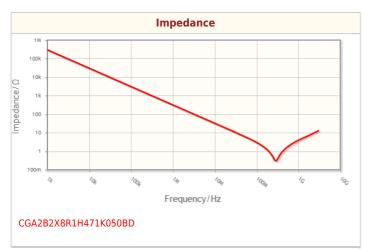
<sup>!</sup> Images are for reference only and show exemplary products. ! This PDF document was created based on the data listed on the TDK Corporation website. ! All specifications are subject to change without notice.

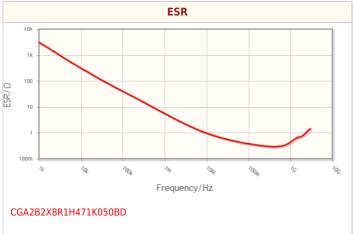


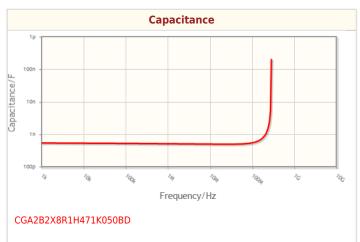
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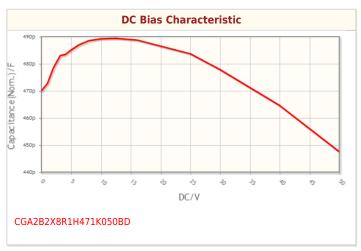
### CGA2B2X8R1H471K050BD

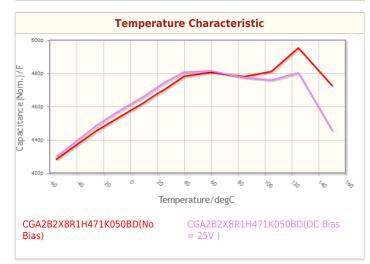
## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

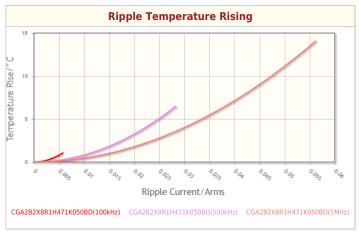












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