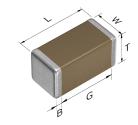


## Multilayer Ceramic Chip Capacitors C1005X5R1A104K050BA

RoHS Reach Halogen Free Pb Free

## TDK item description C1005X5R1A104KT\*\*\*\*

Applications	Commercial Grade  Please refer to Part No. CGA2B2X5R1A104K050BA for Automotive use.		
Feature	General (Up to 75V)		
Series	C1005 [EIA 0402]		
Status	Production (Not Recommended for New Design)  Recommended Alternate Part No. : C1005X5R1C104K050BA (Interchangeability is not guaranteed.)		
Brand	TDK		



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	100nF ±10%	
Rated Voltage	10VDC	
Temperature Characteristic	X5R(±15%)	
Dissipation Factor (Max.)	5%	
Insulation Resistance (Min.)	1000ΜΩ	

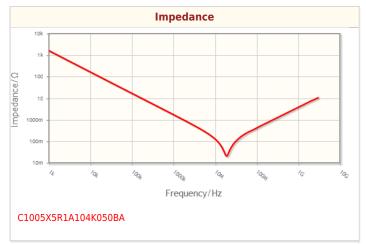
Other	
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

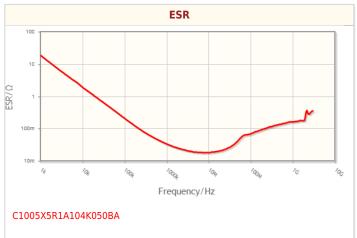
<sup>!</sup> Images are for reference only and show exemplary products.

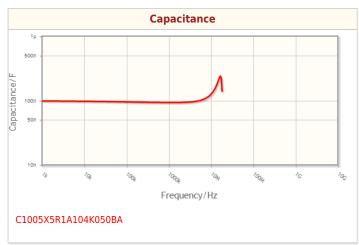
<sup>!</sup> This PDF document was created based on the data listed on the TDK Corporation website.

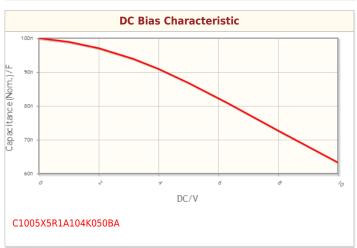
 $<sup>! \ \</sup>mbox{All specifications}$  are subject to change without notice.

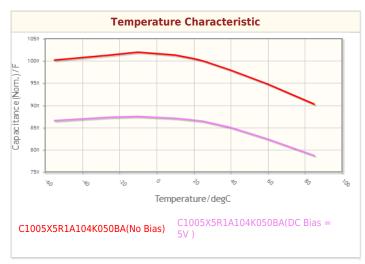
## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

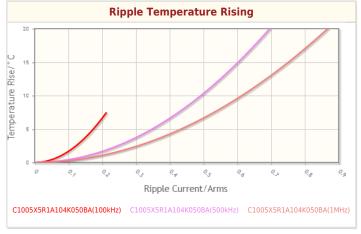












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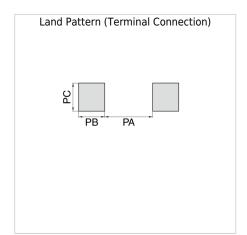
<sup>!</sup> All specifications are subject to change without notice.

3 of 3 Creation Date : October 07, 2022 (GMT)

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## **Associated Images**

C1005X5R1A104K050BA



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