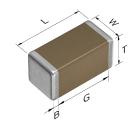


Multilayer Ceramic Chip Capacitors

C1005X5R1C225K050BC

Product Status	Production	
TDK Item Description	C1005X5R1C225KT****	
Applications	Commercial Grade	
Feature	General (Up to 75V)	
Series	C1005 [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	2.2µF ±10%	
Rated Voltage	16VDC	
Temperature Characteristic	X5R(±15%)	
Dissipation Factor (Max.)	10%	
Insulation Resistance (Min.)	45ΜΩ	

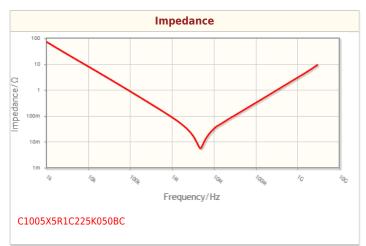
	Other
Operating Temp. Range	-55 to 85°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

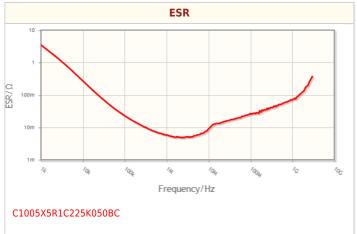
[!] Images are for reference only and show exemplary products.

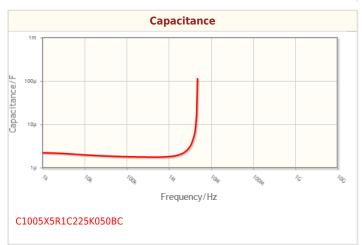
[!] This PDF document was created based on the data listed on the TDK Corporation website. ! All specifications are subject to change without notice.

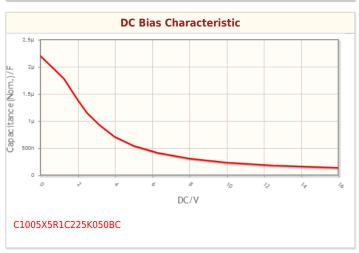
C1005X5R1C225K050BC

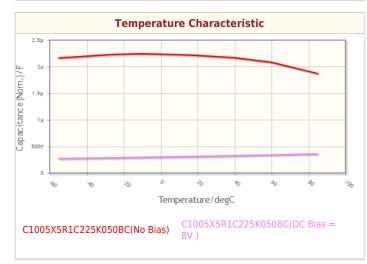
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

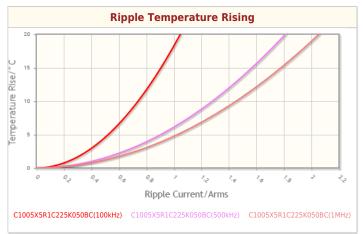












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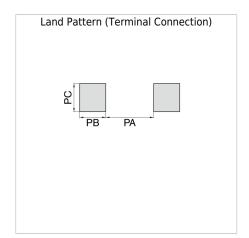
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Multilayer Ceramic Chip Capacitors

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Associated Images



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