

C1005X5R1E104K050BC (TDK item description : C1005X5R1E104KT****)

Applications



Commercial Grade



Please refer to Part No. CGA2B3X5R1E104K050BB for automotive use.

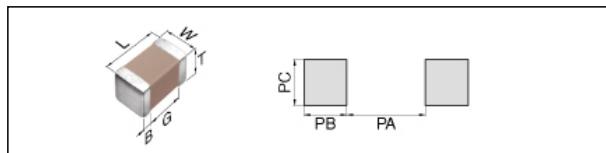
Feature



General (Up to 50V)

Series

C1005 [EIA CC0402]

Lead
FreeHalogen
Free

REACH

RoHS
COMPLIANT

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)	0.30 to 0.50mm
Recommended Land Pattern(PB)	0.35 to 0.45mm
Recommended Land Pattern(PC)	0.40 to 0.60mm
Recommended Slit Pattern(SD)	

Electrical Characteristics

Capacitance	100nF +/-10%
Rated Voltage	25Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	5% Max.
Insulation Resistance	1000MΩ Min.

Other

Soldering Method	Reflow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000Pcs Min.

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

