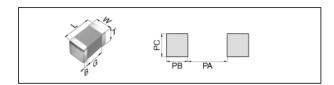


Creation Date: September 04, 2016

CGA2B2C0G1H030C050BA(TDK item description: CGA2B2C0G1H030CT****)

Applications Automotive Grade Feature General General (Up to 50V) AEC-Q200 AEC-Q200 CGA2(1005) [EIA CC0402] Series











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	3pF +/-0.25pF
Rated Voltage	50Vdc
Temperature Characteristic	C0G(0+/-30ppm/degC)
Q	460 Min.
Insulation Resistance	10000MΩ Min.

Other	
Soldering Method	Reflow
AEC Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000Pcs Min.

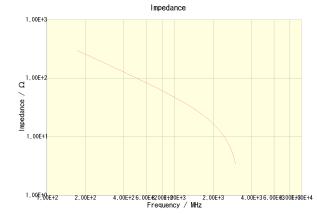
[•]This PDF document was created based on the data listed on the TDK Corporation website.

[•]All specifications are subject to change without notice.

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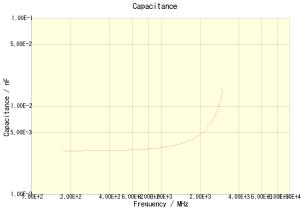
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Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)





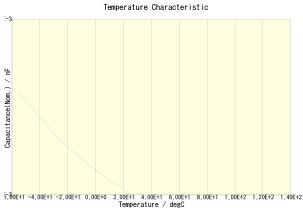




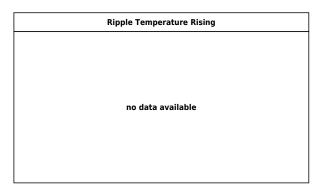




CGA2B2C0G1H030C050BA



CGA2B2C0G1H030C050BA



CGA2B2C0G1H030C050BA(DC Bias = 0\(\)\(\)\(\)\(\)2B2C0G1H030C050BA(DC Bias = 25V)

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