


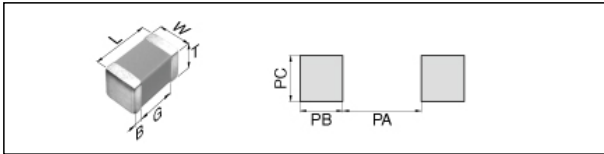


C1608C0G2A221J080AA (TDK item description : C1608C0G2A221JT****)

Applications	 Commercial Grade
	 Please refer to Part No. CGA3E2C0G2A221J080AA for automotive use.
Feature	 Mid Voltage (100 to 630V)
Series	C1608 [EIA CC0603]



Size

Length(L)	1.60mm +/-0.10mm
Width(W)	0.80mm +/-0.10mm
Thickness(T)	0.80mm +/-0.10mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern(PA)	0.70 to 1.00mm (Flow Soldering) 0.60 to 0.80mm (Reflow Soldering)
Recommended Land Pattern(PB)	0.80 to 1.00mm (Flow Soldering) 0.60 to 0.80mm (Reflow Soldering)
Recommended Land Pattern(PC)	0.60 to 0.80mm (Flow Soldering) 0.60 to 0.80mm (Reflow Soldering)
Recommended Slit Pattern(SD)	

Electrical Characteristics

Capacitance	220pF +/-5%
Rated Voltage	100Vdc
Temperature Characteristic	COG(0+/-30ppm/degC)
Q	1000 Min.
Insulation Resistance	10000MΩ Min.

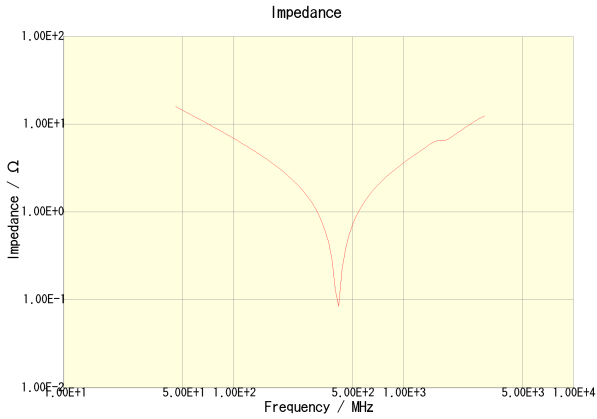
Other

Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.

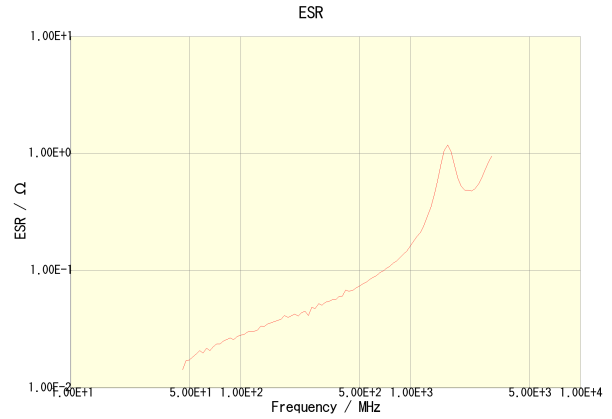
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

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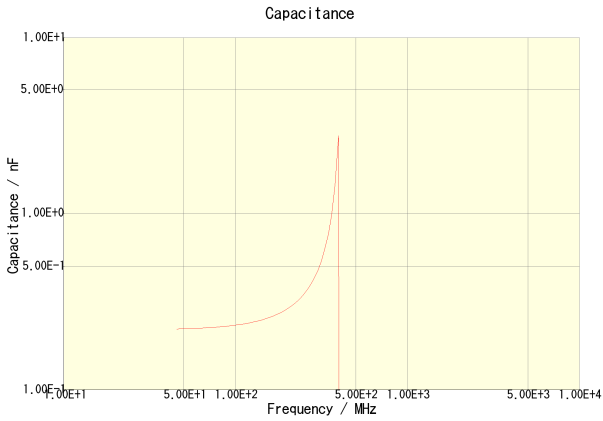
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



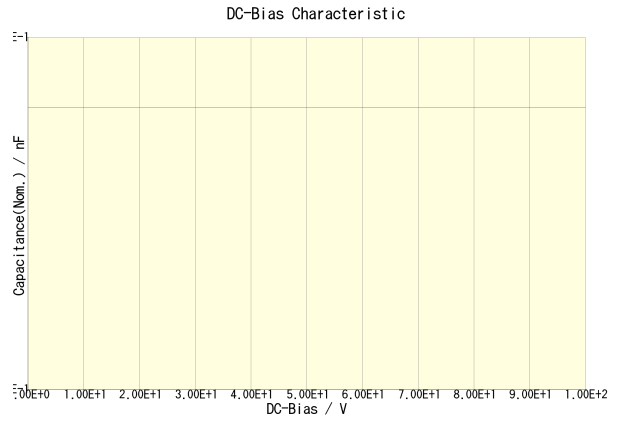
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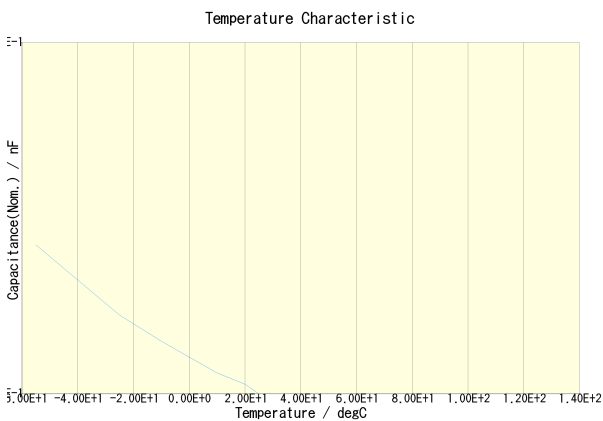
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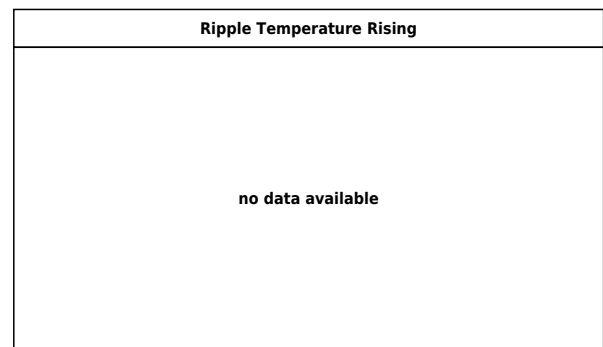
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C1608C0G2A221J080AA(DC Bias = 0V) C1608C0G2A221J080AA(DC Bias = 50V)



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