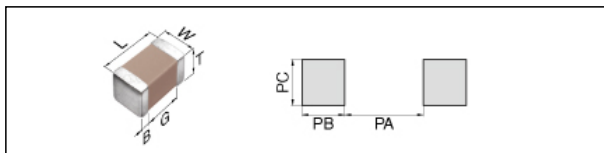


C1608X8R1H223K080AA (TDK item description : C1608X8R1H223KT****)

Applications	 Commercial Grade
	 Please refer to Part No. CGA3E2X8R1H223K080AA for automotive use.
Feature	 High Temperature Application
Series	C1608 [EIA CC0603]



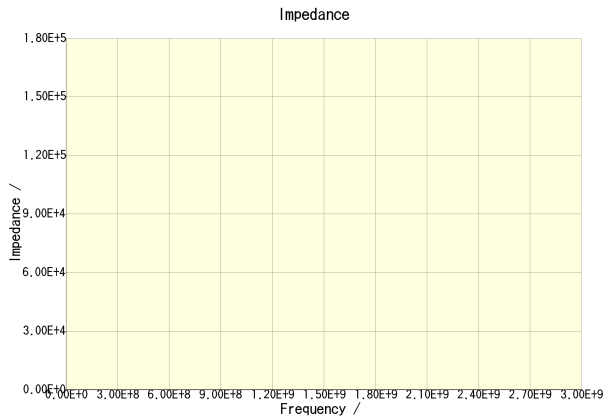
Size	
Length(L)	1.60mm +/-0.10mm
Width(W)	0.80mm +/-0.10mm
Thickness(T)	0.80mm +/-0.10mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern(PA)	0.70 to 1.00mm (Flow Soldering) 0.60 to 0.80mm (Reflow Soldering)
Recommended Land Pattern(PB)	0.80 to 1.00mm (Flow Soldering) 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	22nF +/-10%
Rated Voltage	50Vdc
Temperature Characteristic	X8R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	10000MΩ Min.

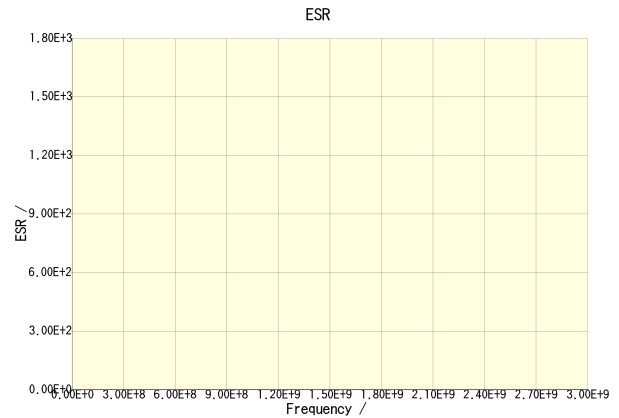
Other	
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.

C1608X8R1H223K080AA

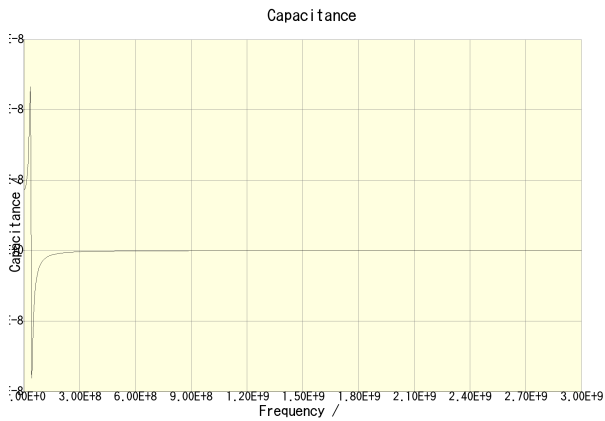
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



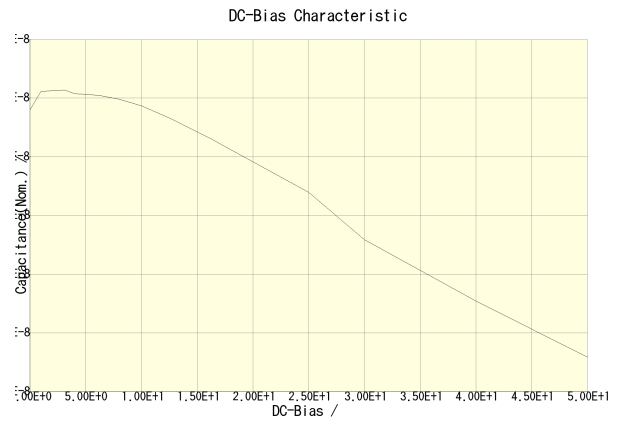
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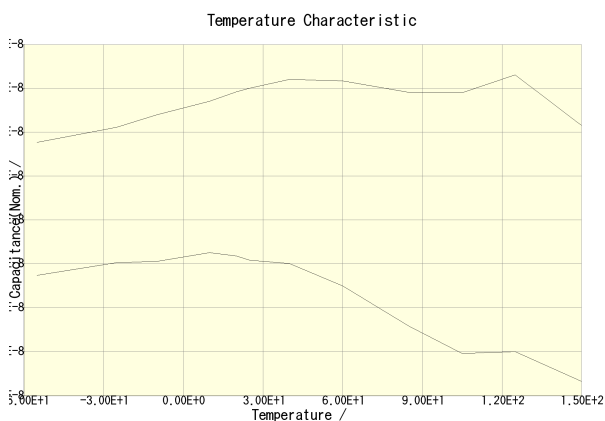
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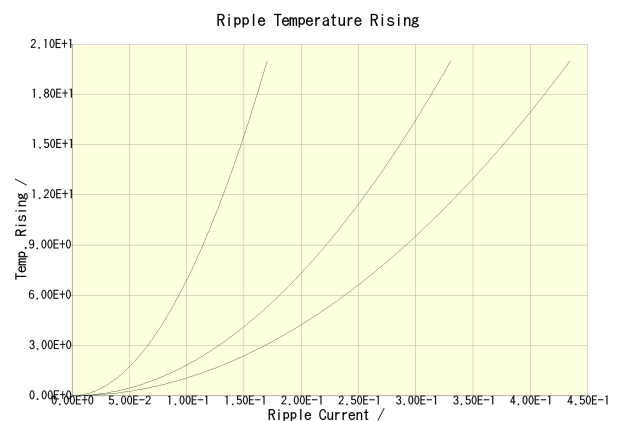
C1608X8R1H223K080AA



C1608X8R1H223K080AA



C1608X8R1H223K080AA(DC Bias = 0V) C1608X8R1H223K080AA(DC Bias = 25V)



C1608X8R1H223K080AA(100kHz) C1608X8R1H223K080AA(500kHz)
C1608X8R1H223K080AA(1MHz)