

CGA3E2X7R1H222K080AA

Applications



Automotive Grade

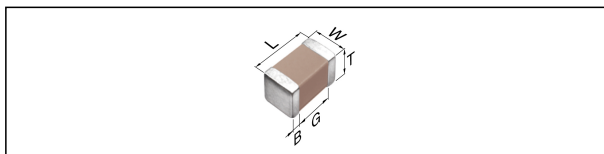
Feature

General

General (Up to 50V)

Series

CGA3(1608) [EIA CC0603]



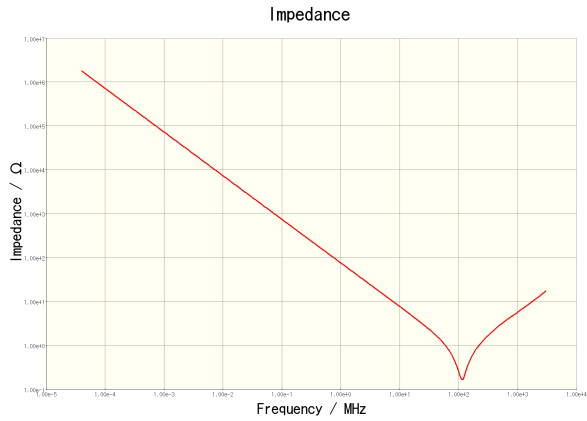
Size	
Length(L)	1.60mm +/-0.10mm
Width(W)	0.80mm +/-0.10mm
Thickness(T)	0.80mm +/-0.10mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.30mm Min.

Electrical Characteristics	
Capacitance	2.2nF +/-10%
Rated Voltage	50Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	10000M Min.

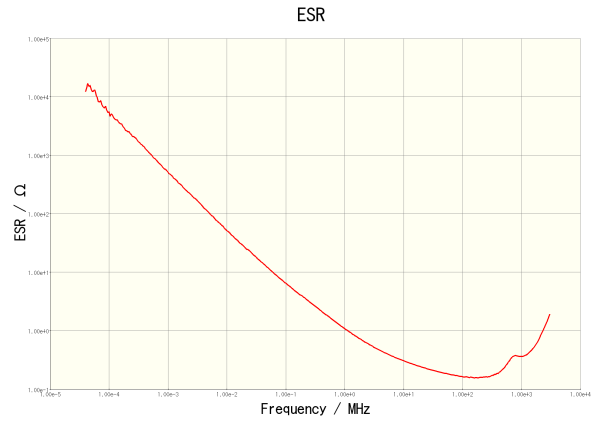
Other	
Soldering Method	Reflow
AEC Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000 Pcs Min.

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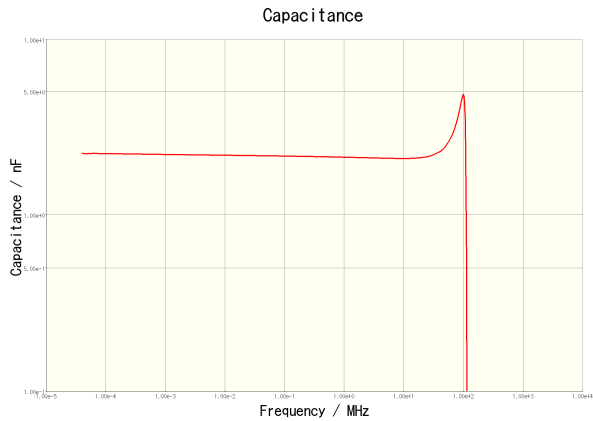
Characteristic Graphs



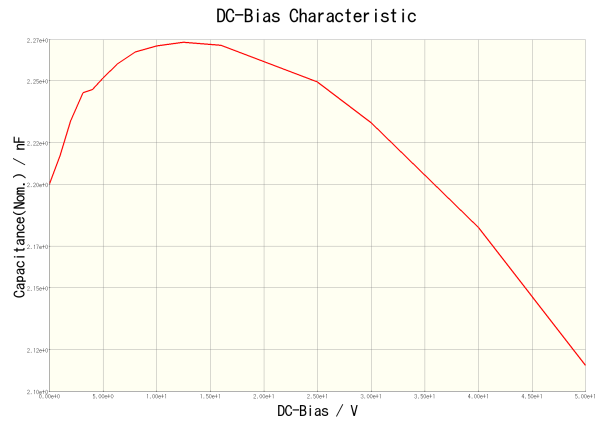
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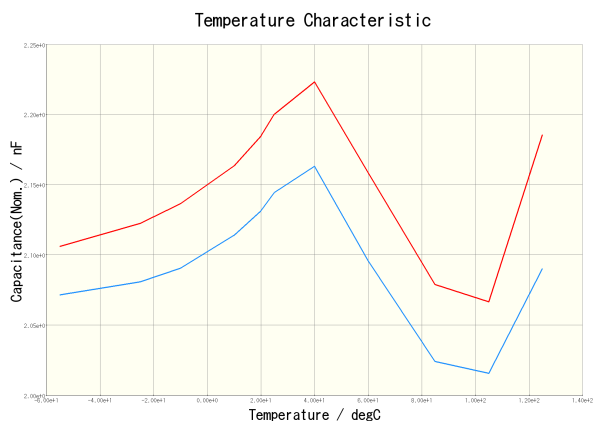
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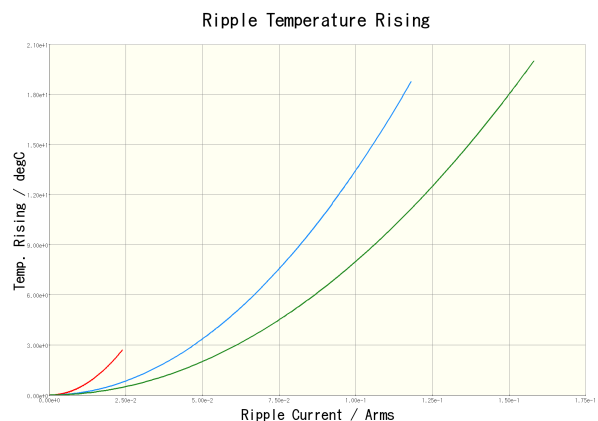
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CGA3E2X7R1H222K080AA



CGA3E2X7R1H222K080AA(DC Bias = 0V) CGA3E2X7R1H222K080AA(DC Bias = 25V)



CGA3E2X7R1H222K080AA(100kHz) CGA3E2X7R1H222K080AA(500kHz)
CGA3E2X7R1H222K080AA(1MHz)