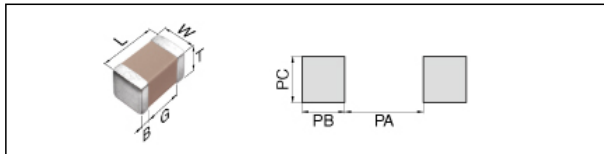


CGA3E2X7R1H152K080AA (TDK item description : CGA3E2X7R1H152KT****)

Applications		Automotive Grade
Feature		General (Up to 50V)
		AEC-Q200
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.
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)	

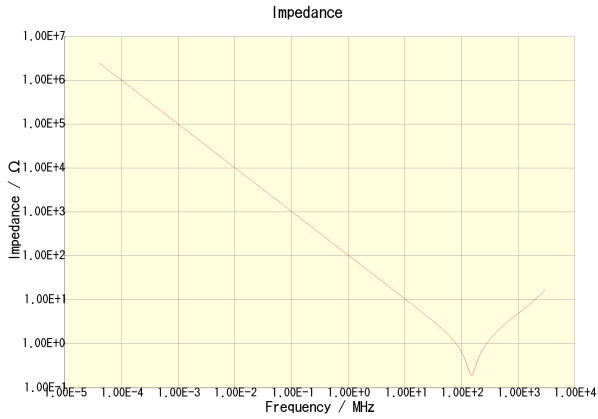
Electrical Characteristics	
Capacitance	1.5nF +/-10%
Rated Voltage	50Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	10000MΩ Min.

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

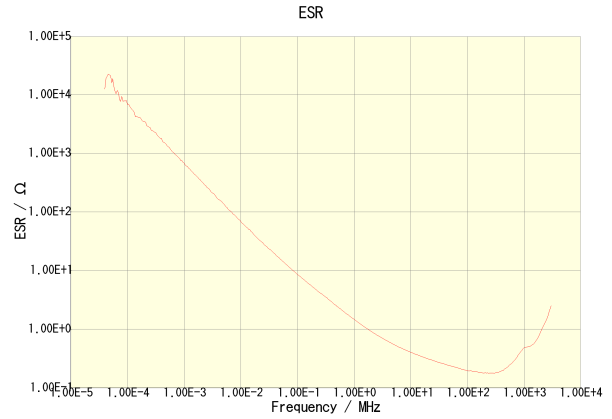
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

CGA3E2X7R1H152K080AA

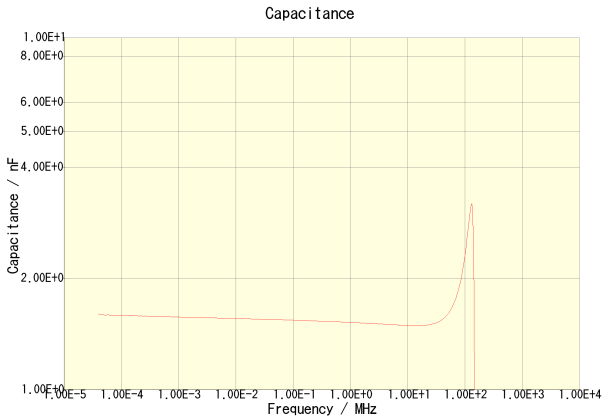
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



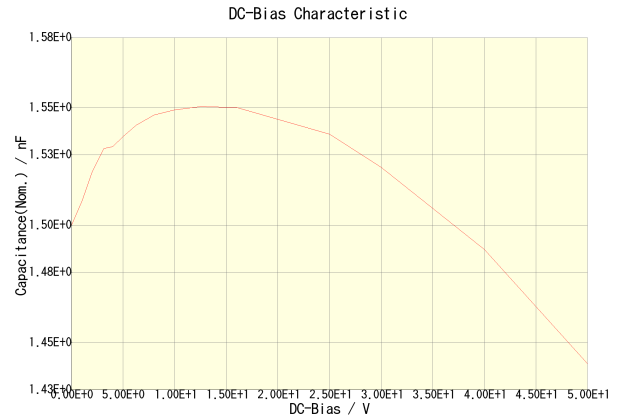
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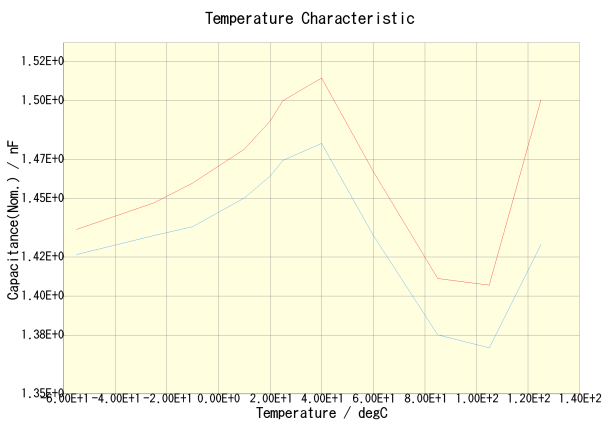
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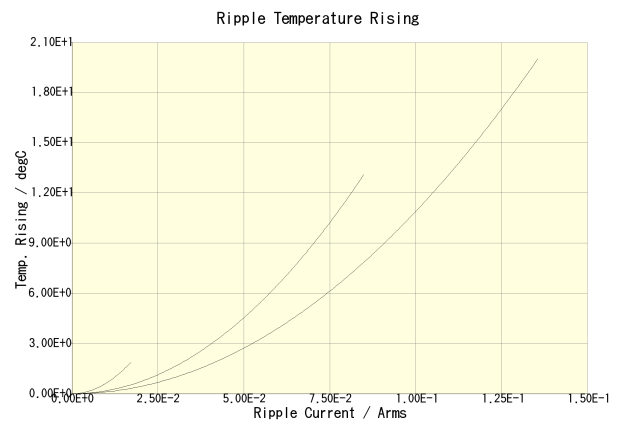
CGA3E2X7R1H152K080AA



CGA3E2X7R1H152K080AA



CGA3E2X7R1H152K080AA(DC Bias = 0V) CGA3E2X7R1H152K080AA(DC Bias = 25V)



CGA3E2X7R1H152K080AA(100kHz) CGA3E2X7R1H152K080AA(500kHz)
CGA3E2X7R1H152K080AA(1MHz)

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