

C3216X7R1C106K160AC

Applications



Commercial Grade



Please refer to Part No. CGA5L1X7R1C106K160AC for automotive use.

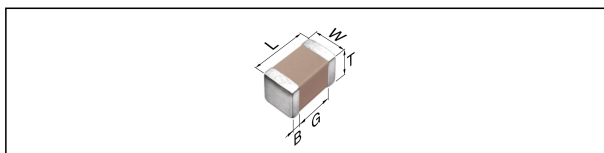
Feature

General

General (Up to 50V)

Series

C3216 [EIA CC1206]



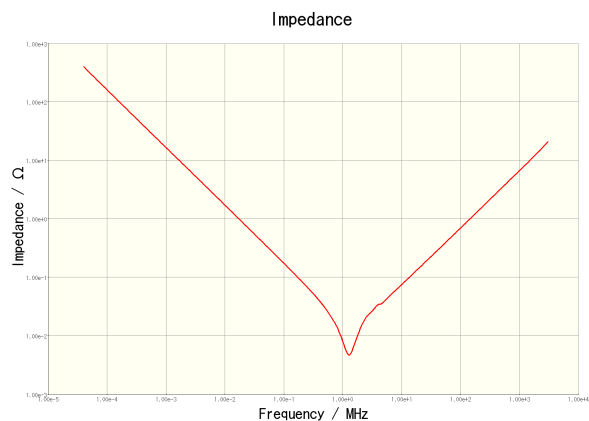
Size	
Length(L)	3.20mm +/-0.20mm
Width(W)	1.60mm +/-0.20mm
Thickness(T)	1.60mm +/-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.

Electrical Characteristics	
Capacitance	10uF +/-10%
Rated Voltage	16Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	5% Max.
Insulation Resistance	10M Min.

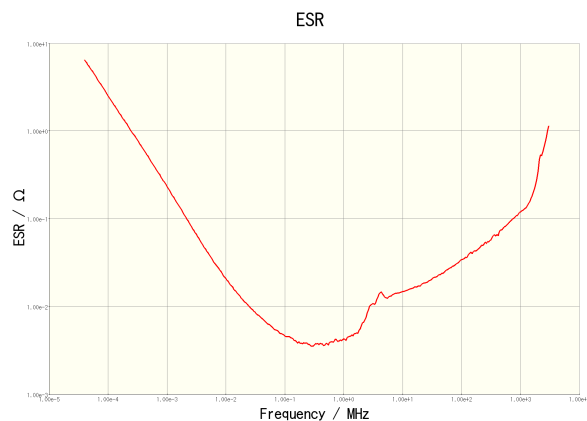
Other	
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000 Pcs Min.

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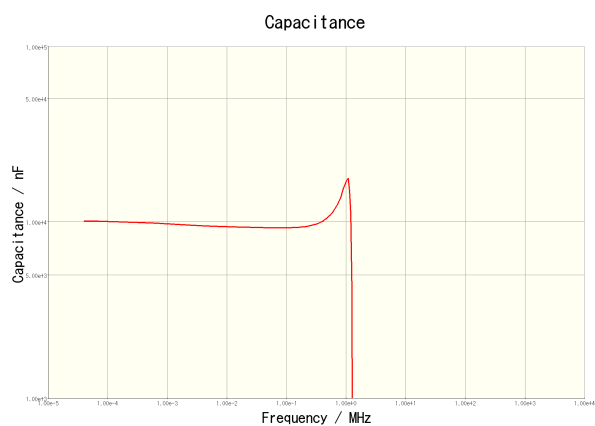
Characteristic Graphs



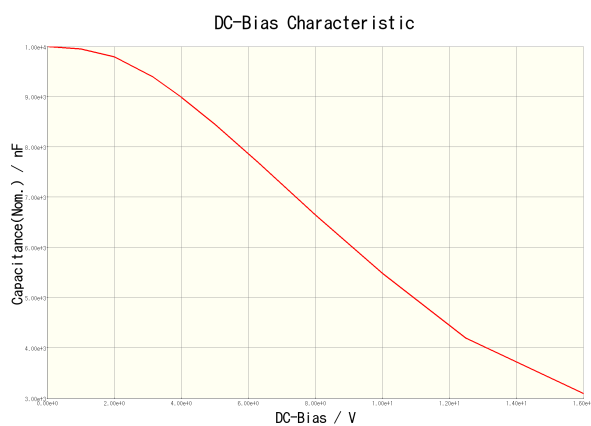
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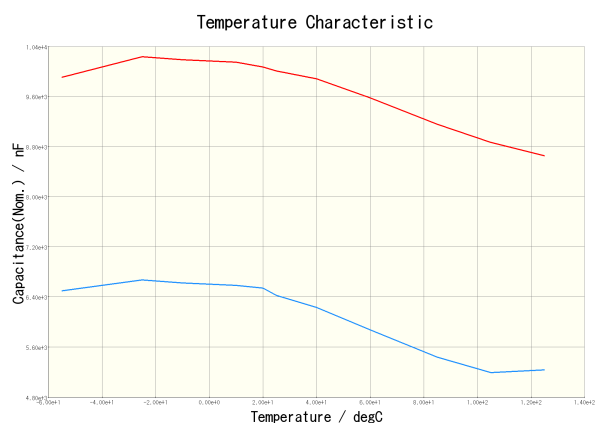
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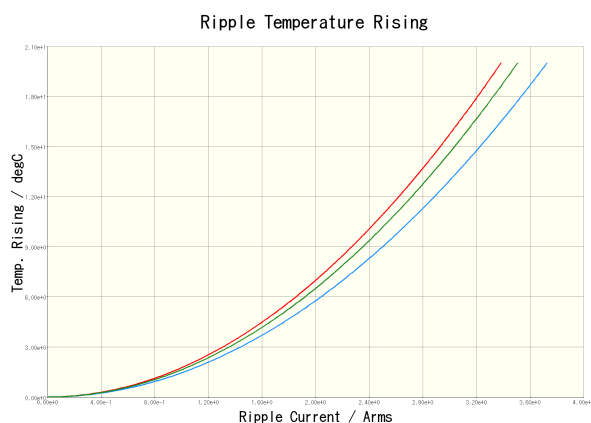


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C3216X7R1C106K160AC(DC Bias = 0V)

C3216X7R1C106K160AC(DC Bias = 8V)



C3216X7R1C106K160AC(100kHz)

C3216X7R1C106K160AC(500kHz)

C3216X7R1C106K160AC(1MHz)