

C2012X7R2E102K085AA

Applications



Commercial Grade



Please refer to Part No. CGA4F3X7R2E102K085AA for automotive use.

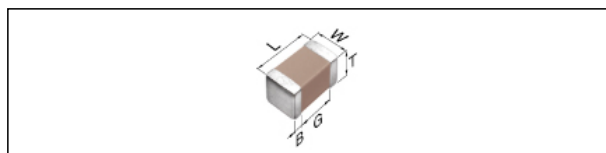
Feature

Mid

Mid Voltage (100 to 630V)

Series

C2012 [EIA CC0805]



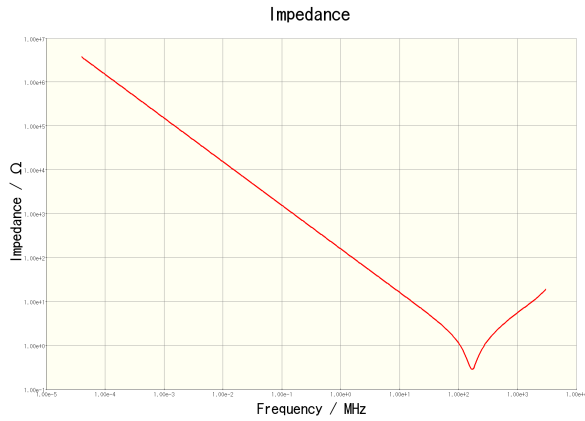
Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	0.85mm +/-0.15mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.50mm Min.

Electrical Characteristics	
Capacitance	1nF +/-10%
Rated Voltage	250Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	10000MΩ Min.

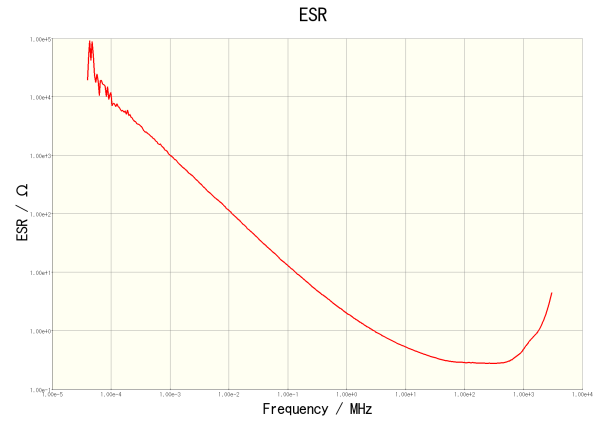
Other	
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000 Pcs Min.

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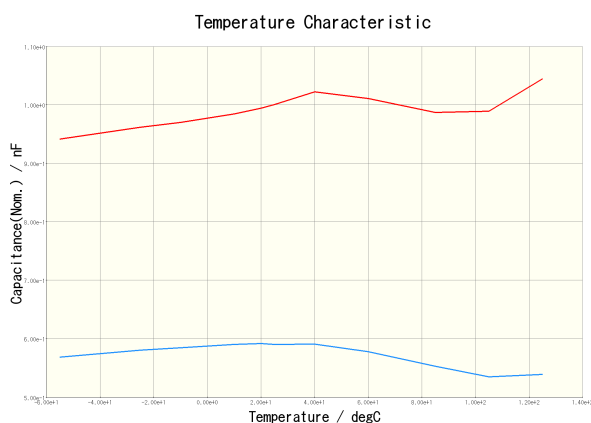
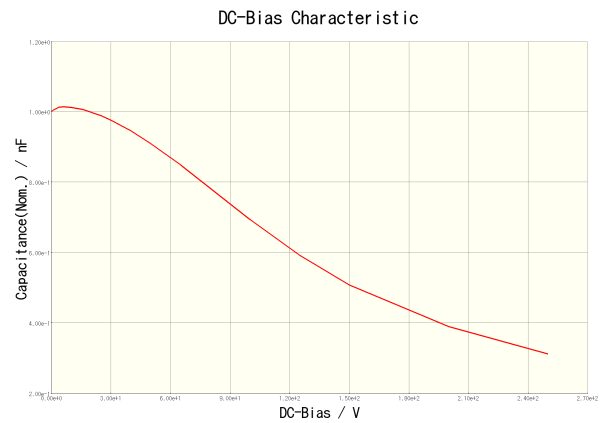
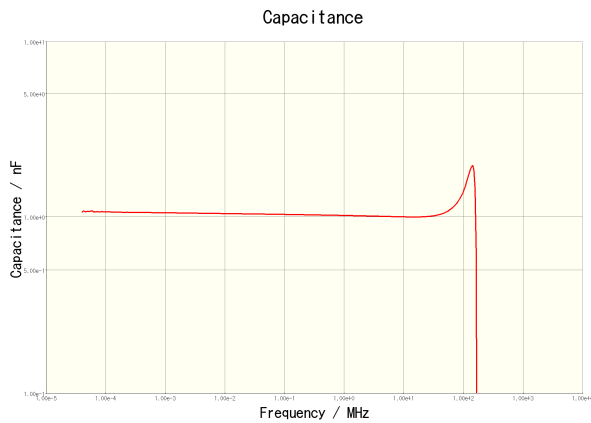
Characteristic Graphs



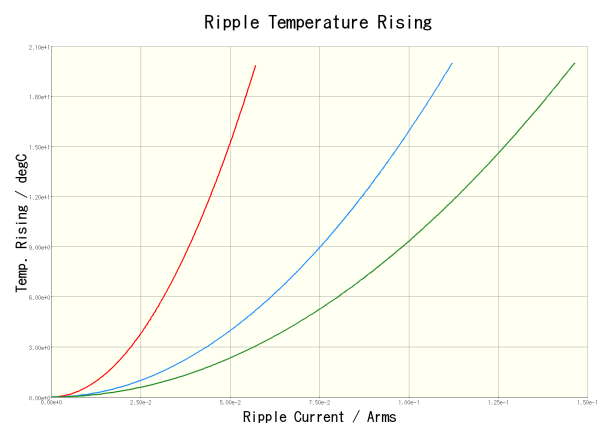
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C2012X7R2E102K085AA(DC Bias = 0V) C2012X7R2E102K085AA(DC Bias = 125V)



C2012X7R2E102K085AA(100kHz) C2012X7R2E102K085AA(500kHz)
C2012X7R2E102K085AA(1MHz)