

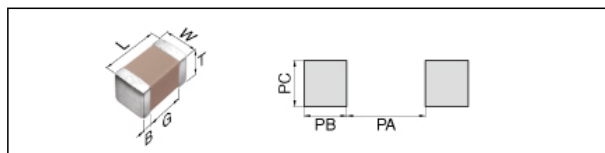
CGA5H4X7R2J103K115AA (TDK item description : CGA5H4X7R2J103KT****)

Applications  Automotive Grade

Feature  Mid Voltage (100 to 630V)

 AEC-Q200

Series CGA5(3216) [EIA CC1206]



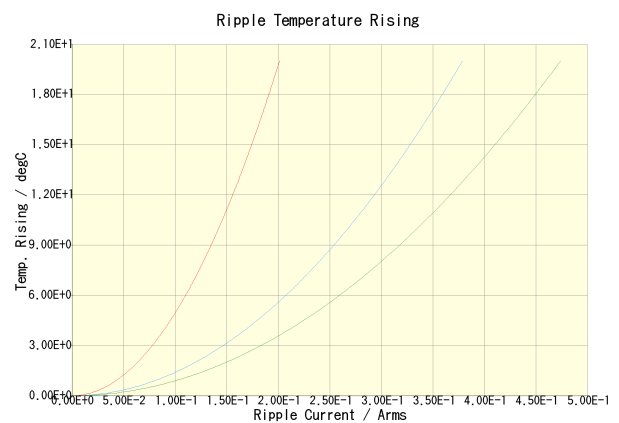
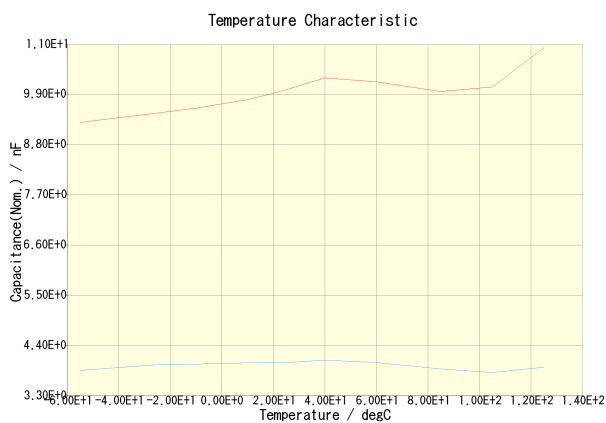
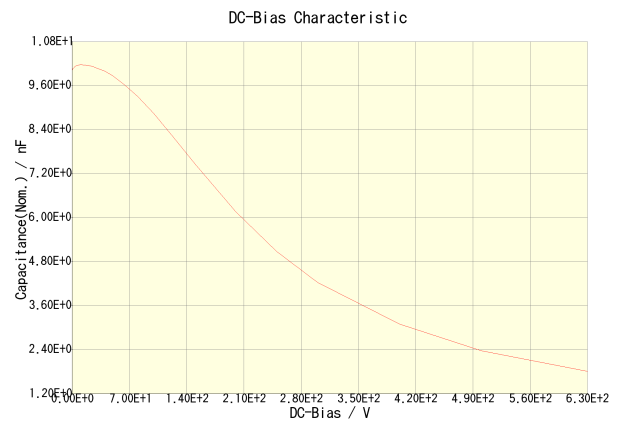
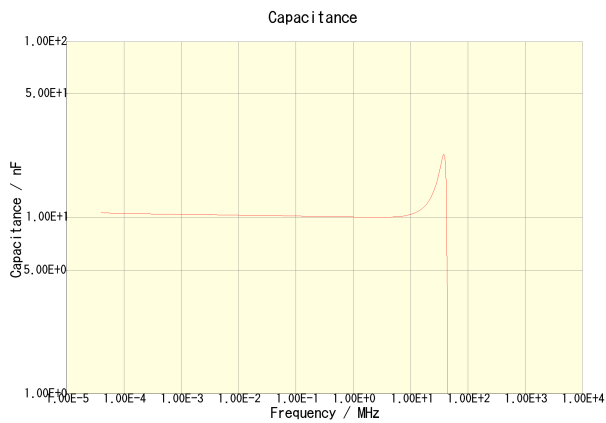
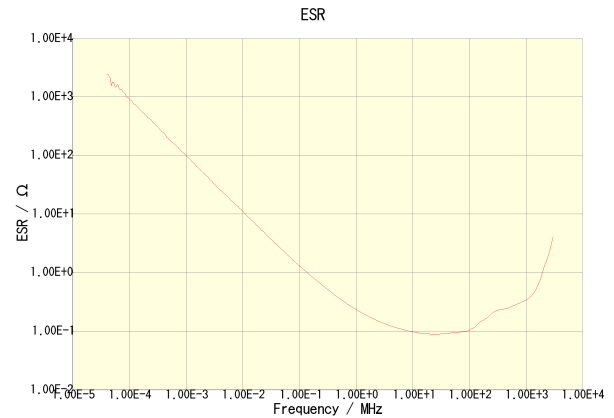
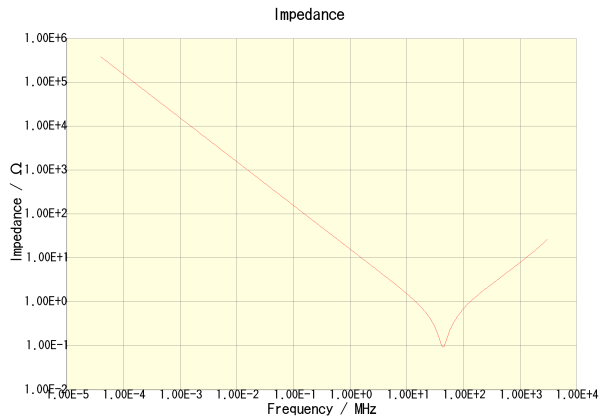
Size	
Length(L)	3.20mm +/-0.20mm
Width(W)	1.60mm +/-0.20mm
Thickness(T)	1.15mm +/-0.15mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern(PA)	2.10 to 2.50mm (Flow Soldering) 2.00 to 2.40mm (Reflow Soldering)
Recommended Land Pattern(PB)	1.10 to 1.30mm (Flow Soldering) 1.00 to 1.20mm (Reflow Soldering)
Recommended Land Pattern(PC)	1.00 to 1.30mm (Flow Soldering) 1.10 to 1.60mm (Reflow Soldering)
Recommended Slit Pattern(SD)	

Electrical Characteristics	
Capacitance	10nF +/-10%
Rated Voltage	630Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	10000MΩ Min.

Other	
Soldering Method	Reflow, Flow
AEC Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.

CGA5H4X7R2J103K115AA

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



CGA5H4X7R2J103K115AA(DC Bias = 0V)

CGA5H4X7R2J103K115AA(DC Bias = 315V)

CGA5H4X7R2J103K115AA(100kHz)

CGA5H4X7R2J103K115AA(500kHz)

CGA5H4X7R2J103K115AA(1MHz)