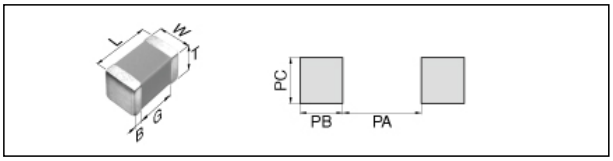
Creation Date : June 03, 2016

C3216C0G2J102J085AA (TDK item description : C3216C0G2J102JT****)

Applications		Commercial Grade
		Please refer to Part No. CGA5F4C0G2J102J085AA for automotive use.
Feature	Mid	Mid Voltage (100 to 630V)
Series		C3216 [EIA CC1206]



Lead Free | Halogen Free | REACH | RoHS COMPLIANT

Size	
Length(L)	3.20mm +/-0.20mm
Width(W)	1.60mm +/-0.20mm
Thickness(T)	0.85mm +/-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	1nF +/-5%
Rated Voltage	630Vdc
Temperature Characteristic	C0G(0+/-30ppm/degC)
Q	1000 Min.
Insulation Resistance	10000MΩ Min.

Other	
Soldering Method	Reflow, Flow
AEC Q200	No
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.

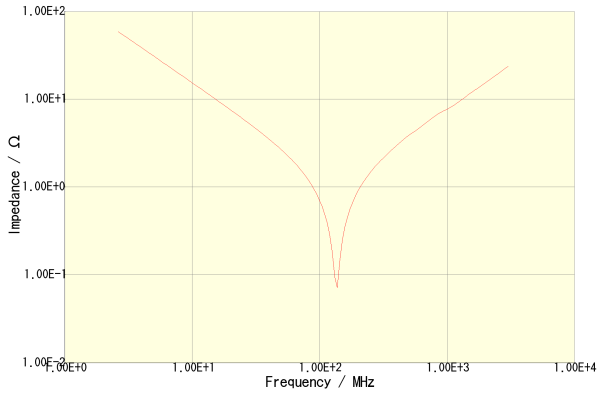
Copyright(c) TDK Corporation. All rights reserved

Creation Date : June 03, 2016

C3216C0G2J102J085AA

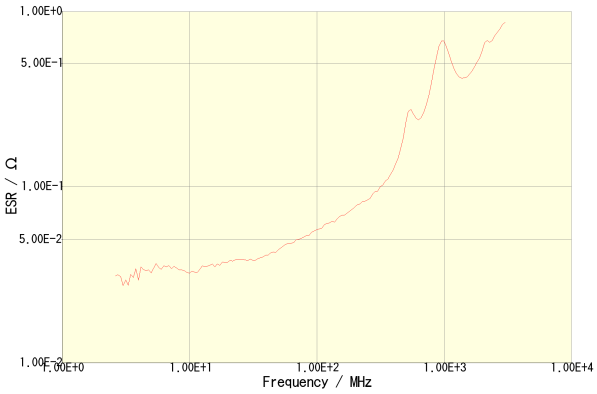
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

Impedance



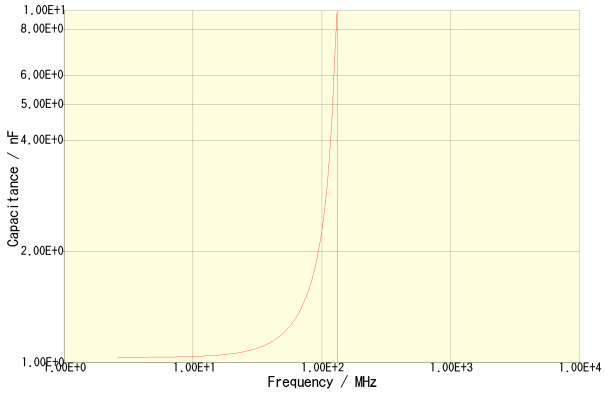
C3216C0G2J102J085AA

ESR



C3216C0G2J102J085AA

Capacitance



C3216C0G2J102J085AA

DC-Bias Characteristic



C3216C0G2J102J085AA

Temperature Characteristic



C3216C0G2J102J085AA(DC Bias = 0V)C3216C0G2J102J085AA(DC Bias = 315V)

Ripple Temperature Rising
no data available

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

Copyright(c) TDK Corporation. All rights reserved