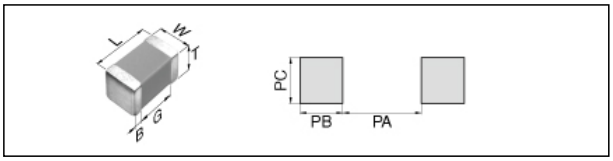
Creation Date : June 03, 2016

C2012C0G1E153J085AA (TDK item description : C2012C0G1E153JT****)

Applications		Commercial Grade
Feature	General	General (Up to 50V)
Series		C2012 [EIA CC0805]



Lead Free | Halogen Free | REACH | RoHS COMPLIANT

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.
Recommended Land Pattern(PA)	1.00 to 1.30mm (Flow Soldering) 0.90 to 1.20mm (Reflow Soldering)
Recommended Land Pattern(PB)	1.00 to 1.20mm (Flow Soldering) 0.70 to 0.90mm (Reflow Soldering)
Recommended Land Pattern(PC)	0.80 to 1.10mm (Flow Soldering) 0.90 to 1.20mm (Reflow Soldering)
Recommended Slit Pattern(SD)	

Electrical Characteristics	
Capacitance	15nF +/-5%
Rated Voltage	25Vdc
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.

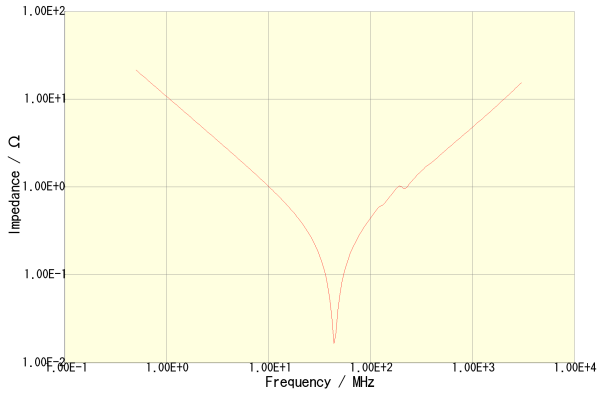
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C2012C0G1E153J085AA

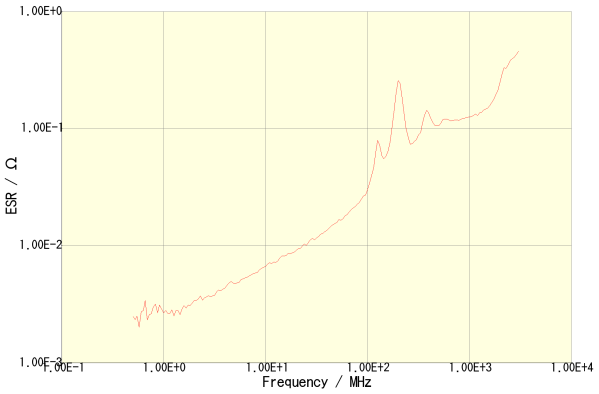
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

Impedance



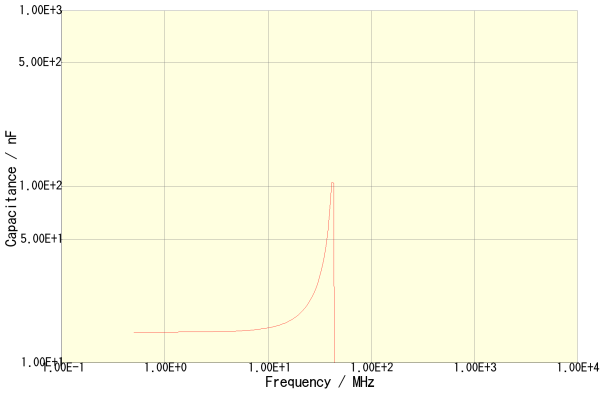
C2012C0G1E153J085AA

ESR



C2012C0G1E153J085AA

Capacitance



C2012C0G1E153J085AA

DC-Bias Characteristic



C2012C0G1E153J085AA

Temperature Characteristic



C2012C0G1E153J085AA(DC Bias = 0V) C2012C0G1E153J085AA(DC Bias = 12.5V)

Ripple Temperature Rising
no data available

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