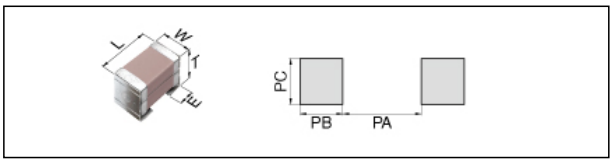
Creation Date : September 04, 2016

CKG57NX7R2E105M500JH(TDK item description : CKG57NX7R2E105MT****)

Applications		Commercial Grade
Feature	Mid	Mid Voltage (100 to 630V)
	Mega	MEGACAP Type
Series	CKG57N(5750) [EIA CC2220]	



Lead Free | Halogen Free | REACH | RoHS COMPLIANT

Size	
Length(L)	6.00mm +/-0.50mm
Width(W)	5.00mm +/-0.50mm
Thickness(T)	5.00mm +/-0.50mm
Metal Terminal Width(E)	1.60mm +/-0.30mm
Recommended Land Pattern(PA)	3.90 to 4.30mm
Recommended Land Pattern(PB)	1.50 to 2.00mm
Recommended Land Pattern(PC)	4.50 to 5.00mm

Electrical Characteristics	
Capacitance	1uF +/-20%
Rated Voltage	250Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	500MΩ Min.

Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000Pcs Min.

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

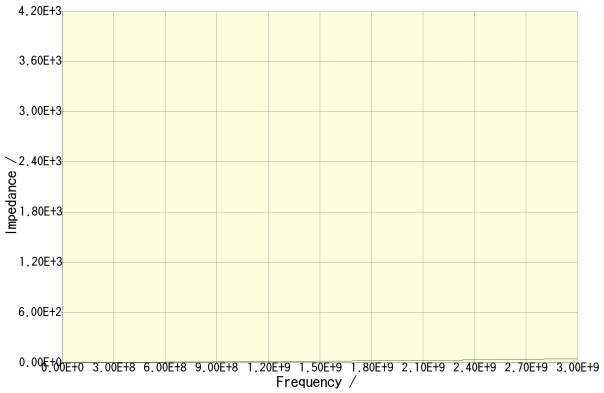
Copyright(c) TDK Corporation. All rights reserved

Creation Date : September 04, 2016

CKG57NX7R2E105M500JH

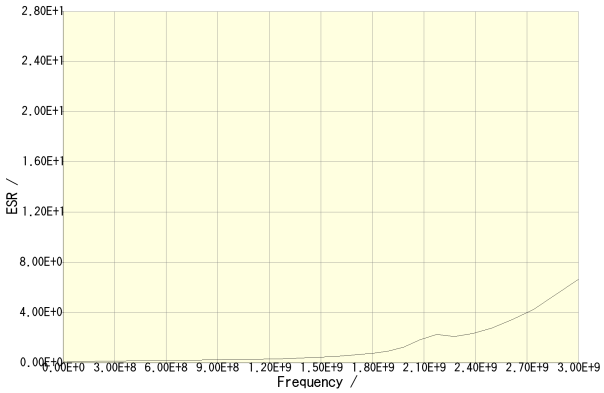
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

Impedance



CKG57NX7R2E105M500JH

ESR



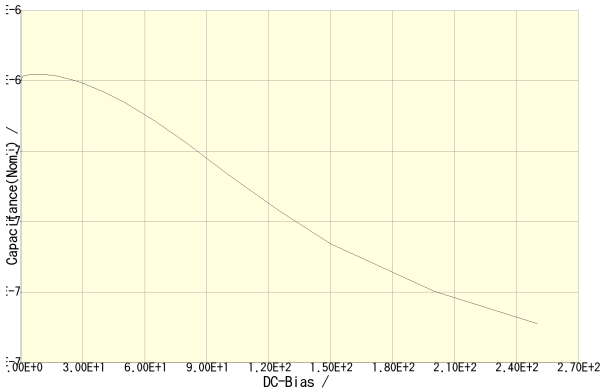
CKG57NX7R2E105M500JH

Capacitance



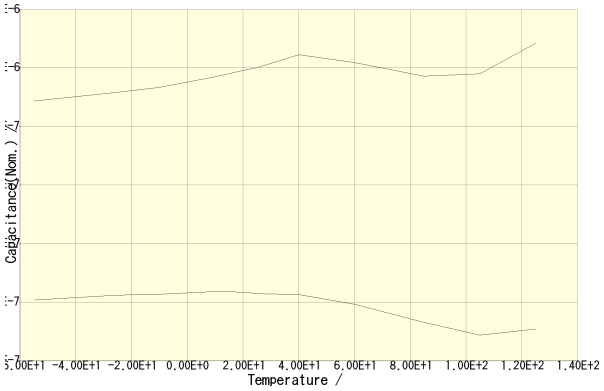
CKG57NX7R2E105M500JH

DC-Bias Characteristic



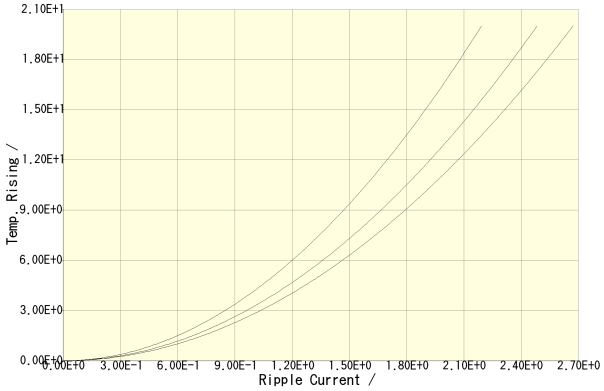
CKG57NX7R2E105M500JH

Temperature Characteristic



CKG57NX7R2E105M500JH(DC Bias = 0V) **CKG57NX7R2E105M500JH(DC Bias = 125V)**

Ripple Temperature Rising



CKG57NX7R2E105M500JH(100kHz) **CKG57NX7R2E105M500JH(500kHz)**

CKG57NX7R2E105M500JH(1MHz)

•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