

# **☆TDK** Multilayer Ceramic Chip Capacitors

Page 1 of 2

Creation Date: August 23, 2016

## **C3216C0G2A472J085AA** (TDK item description : C3216C0G2A472JT\*\*\*\*)

**Applications** 



Commercial Grade



Please refer to Part No. CGA5F2C0G2A472J085AA for automotive use.

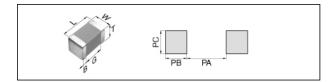
Feature

Mid

Mid Voltage (100 to 630V)

Series

C3216 [EIA CC1206]











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) < br /> 2.00 to 2.40mm (Flow Soldering)	Reflow Soldering
Recommended Land Pattern(PB)	1.10 to 1.30mm (Flow Soldering) < br />1.00 to 1.20mm (Flow Soldering)	Reflow Soldering
Recommended Land Pattern(PC)	1.00 to 1.30mm (Flow Soldering) < br />1.10 to 1.60mm (F	Reflow Soldering
Recommended Slit Pattern(SD)		

Electrical Characteristics		
Capacitance	4.7nF +/-5%	
Rated Voltage	100Vdc	
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.	

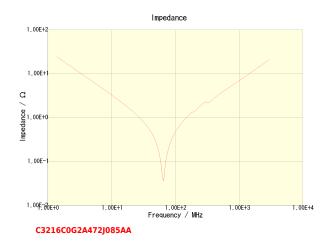
<sup>•</sup>This PDF document was created based on the data listed on the TDK Corporation website.

<sup>•</sup>All specifications are subject to change without notice.

Creation Date: August 23, 2016

## C3216C0G2A472J085AA

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

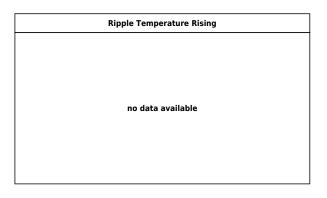












C3216C0G2A472J085AA(DC Bias = 0V[3216C0G2A472J085AA(DC Bias = 50V)

<sup>•</sup>This PDF document was created based on the data listed on the TDK Corporation website.

<sup>•</sup>All specifications are subject to change without notice.