

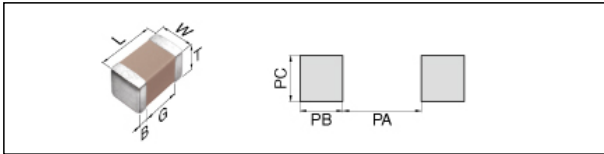


C2012X5R1C475K125AC (TDK item description : C2012X5R1C475KT****)

Applications	 Commercial Grade
	 Please refer to Part No. CGA4J3X5R1C475K125AB for automotive use.
Feature	General General (Up to 50V)
Series	C2012 [EIA CC0805]



Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	1.25mm +/-0.20mm
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)	

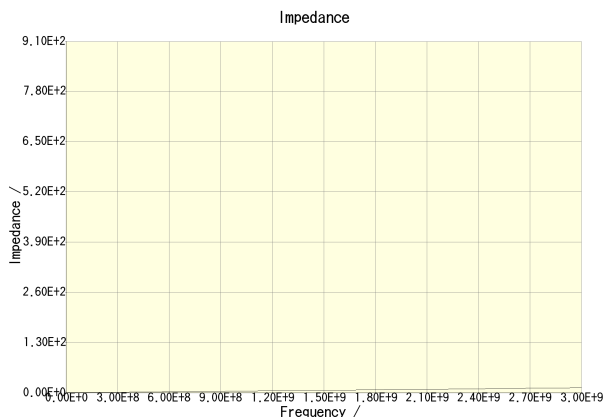
Electrical Characteristics	
Capacitance	4.7uF +/-10%
Rated Voltage	16Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	5% Max.
Insulation Resistance	21MΩ Min.

Other	
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs 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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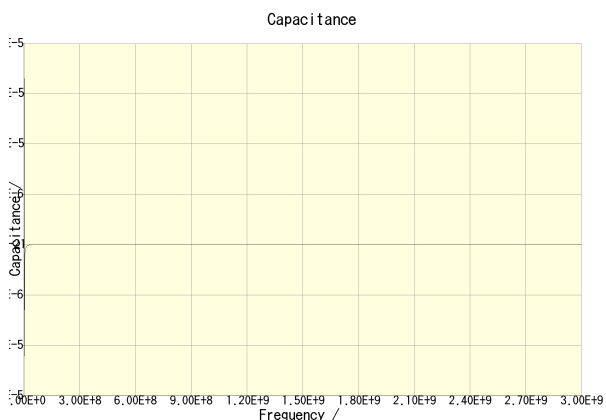
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



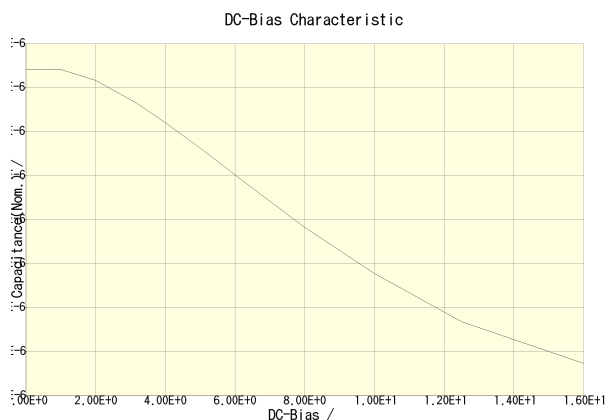
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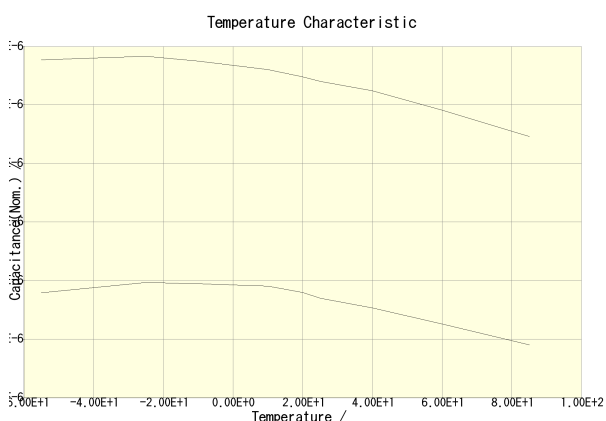
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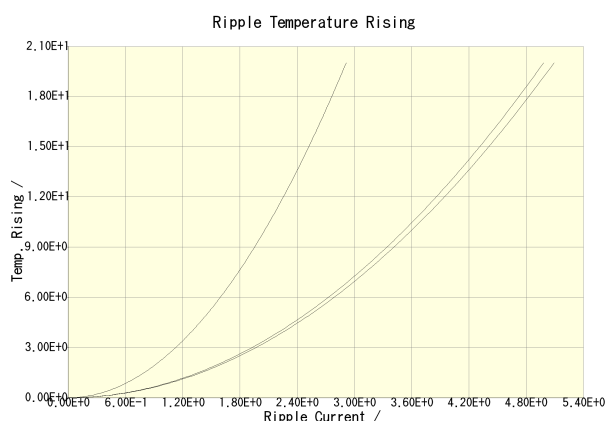
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C2012X5R1C475K125AC



C2012X5R1C475K125AC(DC Bias = 0V) C2012X5R1C475K125AC(DC Bias = 8V)



C2012X5R1C475K125AC(100kHz) C2012X5R1C475K125AC(500kHz)
C2012X5R1C475K125AC(1MHz)

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