

C3216X7R2A474K160AA (TDK item description : C3216X7R2A474KT**)**

Applications



Commercial Grade



Please refer to Part No. CGA5L2X7R2A474K160AA for automotive use.

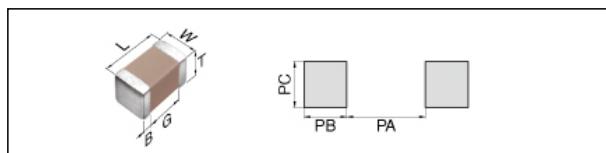
Feature

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)	1.60mm +/-0.20mm
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	470nF +/-10%
Rated Voltage	100Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	1063MΩ Min.

Other

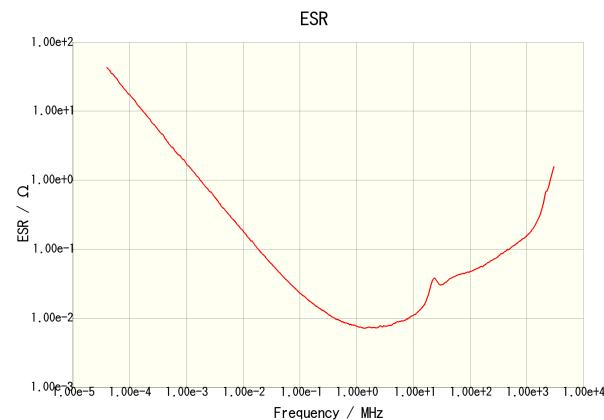
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000 Pcs Min.

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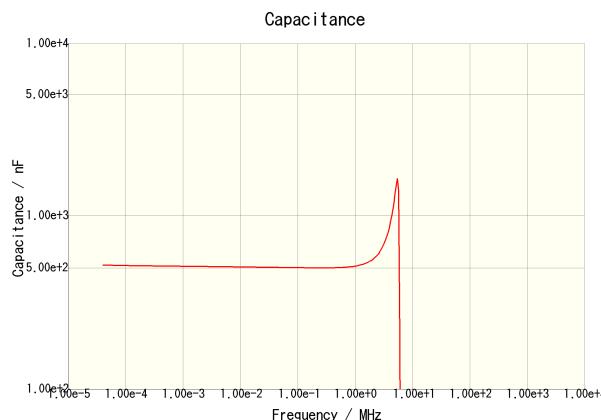
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



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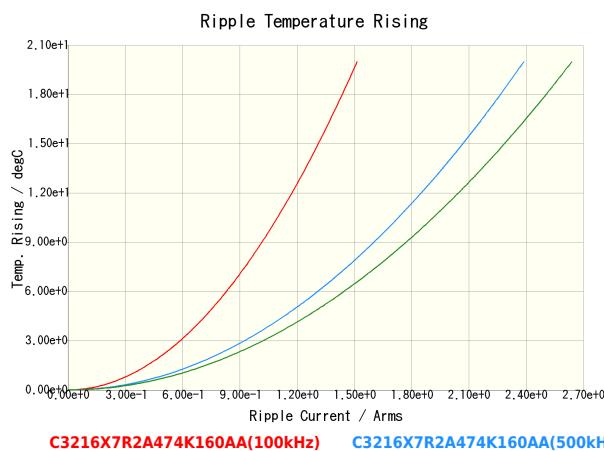
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C3216X7R2A474K160AA



C3216X7R2A474K160AA(DC Bias = 0V) C3216X7R2A474K160AA(DC Bias = 50V)



C3216X7R2A474K160AA(100kHz) C3216X7R2A474K160AA(500kHz)

C3216X7R2A474K160AA(1MHz)