

Multilayer Ceramic Chip Capacitors

C3216X7R1H475K160AE



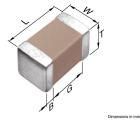






TDK item description C3216X7R1H475KT***S

Applications	Commercial Grade Please refer to Part No. <u>CGA5L3X7R1H475K160AE</u> for Automotive use.	
Feature	Soft Termination	
Series	C3216 [EIA 1206]	
Status	Production	



Size		
Length(L)	3.20mm +0.40,-0.20mm	
Width(W)	1.60mm +0.30,-0.20mm	
Thickness(T)	1.60mm +0.30,-0.20mm	
Terminal Width(B)	0.20mm Min.	
Terminal Spacing(G)	1.00mm Min.	
Recommended Land Pattern (PA)	2.10mm to 2.50mm(Flow Soldering)	
necommended Land Fattern (PA)	2.00mm to 2.40mm(Reflow Soldering)	
Recommended Land Pattern (PB)	1.10mm to 1.30mm(Flow Soldering)	
recommended Land I attern (I D)	1.00mm to 1.20mm(Reflow Soldering)	
Recommended Land Pattern (PC)	1.00mm to 1.30mm(Flow Soldering)	
necommended Land Lattern (FC)	1.10mm to 1.60mm(Reflow Soldering)	

Electrical Characteristics		
Capacitance	4.7μF ±10%	
Rated Voltage	50VDC	
Temperature Characteristic	X7R(±15%)	
Dissipation Factor (Max.)	5%	
Insulation Resistance (Min.)	106ΜΩ	

O ther	
Coldoring Mathod	Wave (Flow)
Soldering Method	Reflow
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

[!] Images are for reference only and show exemplary products. ! 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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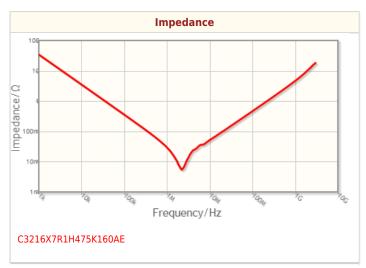


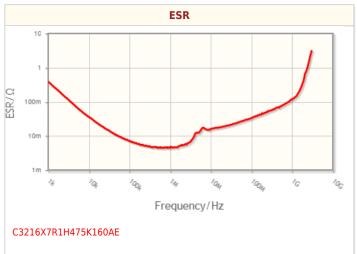


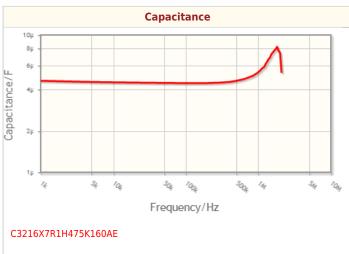


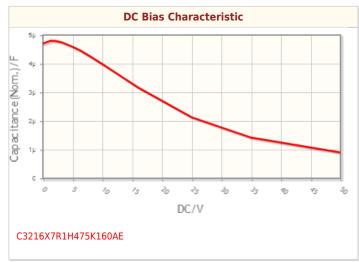


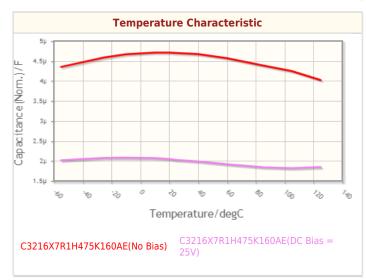
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

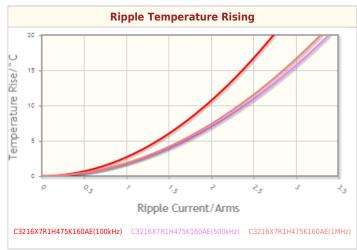












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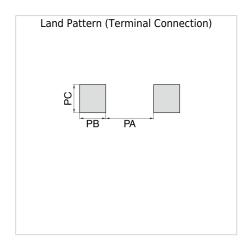








Associated Images



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