


Ceramic Capacitors

Fixed Ceramic Capacitors

Part Number : C4532X7R1E475M/2.00

Product Name :

Multilayer Ceramic Chip Capacitors - General Purpose

 View Datasheet

TDK Series Name : C Series

Application :
Electronics equipment, automation equipment, measurement equipment, Charge pump, etc. Mobile communications equipment, Automotive electronics, Hybrid ICs, Decoupling, Office Test and Smoothing,

Function :
It has no polarity. High reliability is guaranteed.It can be adapted for various circuit such as transmission, amplification and feed through.


Description :
High Capacitance Multilayer Ceramic Chip Capacitor. It has no polarity. High reliability is guaranteed.

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Application	Catalog	SEAT	CCV	TVCL	Tech Notes
Property Name	Property Description				
Product Lifecycle Stage	Production				
Part Number Replacement	No Data Available.				
Lead (Pb) Free	Yes				
Surface Mount	Yes				
EIA Size Code	1812				
Size Code	4532				
Body Length (L)	Min 4.1 mm				
Body Length (L)	Nom 4.5 mm				
Body Length (L)	Max 4.9 mm				
Body Breadth (W)	Min 2.8 mm				
Body Breadth (W)	Nom 3.2 mm				
Body Breadth (W)	Max 3.6 mm				
Body Height (T)	Min 1.8 mm				
Body Height (T)	Nom 2 mm				
Body Height (T)	Max 2.2 mm				
Terminal Width (B)	Min 0.2 mm				
Terminal Spacing (G)	Min 2 mm				
Temperature Characteristics	X7R				
Temperature Characteristic	Min -15 %				
	Max 15 %				
Category Temperature Range	Min -55 C				
	Max 125 C				
Rated Voltage Code	1E				
Rated Voltage	Max 25 V				
Rated Voltage Classification	DC				
Withstanding Voltage	Nom 62.5 V				
Withstanding Voltage Class	DC				
Rated Capacitance	Nom 4700000 pF				
Capacitance Tolerance Code	M				
Capacitance Tolerance (Value)	Min No Data Available.				
	Max No Data Available.				
Capacitance Tolerance (%)	Min -20 %				
	Max 20 %				
Q	Min No Data Available.				
Measurement Frequency of Q	Nom No Data Available.				
Insulation Resistance	Min 106 MOhm				
Dissipation Factor	Max No Data Available.				
Frequency of Dissipation Factor	Nom 1 kHz				
Soldering Method	Reflow, Manual				
Storage Temperature Range	Min 5 Cel				
	Max 40 Cel				
Packing	Blister (Plastic)Taping [180mm Reel]				
Minimum Package Qty	Nom 1000 Pcs				
Minimum Order Qty	Nom 1000 Pcs				
Return Status	STD				
<p>Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set forth in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in , or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").</p>					

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