

Ceramic Capacitors

Fixed Ceramic Capacitors

Part Number : **C2012Y5V1C225Z/1.25**

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, etc.** **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 :

Small Size 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
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Property Name	Property Description
Product Lifecycle Stage	Production
Part Number Replacement	<i>No Data Available.</i>
Lead (Pb) Free	Yes
Surface Mount	Yes
EIA Size Code	0805
Size Code	2012
Body Length (L)	Min 1.8 mm
Body Length (L)	Nom 2 mm
Body Length (L)	Max 2.2 mm
Body Breadth (W)	Min 1.05 mm
Body Breadth (W)	Nom 1.25 mm
Body Breadth (W)	Max 1.45 mm
Body Height (T)	Min 1.05 mm
Body Height (T)	Nom 1.25 mm
Body Height (T)	Max 1.45 mm
Terminal Width (B)	Min 0.2 mm
Terminal Spacing (G)	Min 0.5 mm
Temperature Characteristics	Y5V
Temperature Coefficient	Min <i>No Data Available.</i> Max <i>No Data Available.</i>
Temperature Characteristic	Min -82 % Max 22 %
Category Temperature Range	Min -30 C Max 85 C
Rated Voltage Code	1C
Rated Voltage	Max 16 V
Rated Voltage Classification	DC
Withstanding Voltage	Nom 40 V
Withstanding Voltage Class	DC
Rated Capacitance	Nom 2200000 pF
Capacitance Tolerance Code	Z
Capacitance Tolerance (Value)	Min <i>No Data Available.</i> Max <i>No Data Available.</i>
Capacitance Tolerance (%)	Min -20 % Max 80 %
Q	Min <i>No Data Available.</i>
Measurement Frequency of	Q Nom <i>No Data Available.</i>
Insulation Resistance	Min 45 MOhm
Dissipation Factor	Max <i>No Data Available.</i>
Frequency of Dissipation Factor	Nom 1 kHz
Soldering Method	Flow, Reflow, Manual
Storage Temperature Range	Min 5 Cel Max 40 Cel
Packing	Blister (Plastic)Taping [180mm Reel]
Minimum Package Qty	Nom 2000 Pcs
Minimum Order Qty	Nom 2000 Pcs
Return Status	STD

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