

## Ceramic Capacitors

### Fixed Ceramic Capacitors

Part Number : **C3216X5R0J226K/1.60**

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, etc.** **Office Test and Decoupling, 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.**

[Submit Sample Request](#)

[Check Distributor Inventory](#)

[Print Page](#)



### Additional Search Tools:

Application	Catalog	SEAT	CCV	TVCL	Tech Notes
Property Name		Property Description			
Product Lifecycle Stage		<b>Production</b>			
Part Number Replacement		<i>No Data Available.</i>			
Lead (Pb) Free		<b>Yes</b>			
Surface Mount		<b>Yes</b>			
EIA Size Code		<b>1206</b>			
Size Code		<b>3216</b>			
Body Length (L)		Min <b>3</b> mm			
Body Length (L)		Nom <b>3.2</b> mm			
Body Length (L)		Max <b>3.4</b> mm			
Body Breadth (W)		Min <b>1.4</b> mm			
Body Breadth (W)		Nom <b>1.6</b> mm			
Body Breadth (W)		Max <b>1.8</b> mm			
Body Height (T)		Min <b>1.4</b> mm			
Body Height (T)		Nom <b>1.6</b> mm			
Body Height (T)		Max <b>1.8</b> mm			
Terminal Width (B)		Min <b>0.2</b> mm			
Terminal Spacing (G)		Min <b>1</b> mm			
Temperature Characteristics		<b>X5R</b>			
Temperature Characteristic		Min <b>-15</b> %			
		Max <b>15</b> %			
Category Temperature Range		Min <b>-55</b> C			
		Max <b>85</b> C			
Rated Voltage Code		<b>0J</b>			
Rated Voltage		Max <b>6.3</b> V			
Rated Voltage Classification		<b>DC</b>			
Withstanding Voltage		Nom <b>15.75</b> V			
Withstanding Voltage Class		<b>DC</b>			
Rated Capacitance		Nom <b>22000000</b> pF			
Capacitance Tolerance Code		<b>K</b>			
Capacitance Tolerance (Value)		Min <i>No Data Available.</i>			
		Max <i>No Data Available.</i>			
Capacitance Tolerance (%)		Min <b>-10</b> %			
		Max <b>10</b> %			
Q		<i>No Data Available.</i>			
Measurement Frequency of		Q			
Insulation Resistance		Nom <i>No Data Available.</i>			
Dissipation Factor		Min <b>4</b> MOhm			
Frequency of Dissipation Factor		Max <i>No Data Available.</i>			
Soldering Method		<b>Flow, Reflow, Manual</b>			
Storage Temperature Range		Min <b>5</b> Cel			
		Max <b>40</b> Cel			
Packing		<b>Blister (Plastic)Taping [180mm Reel]</b>			
Minimum Package Qty		Nom <b>2000</b> Pcs			
Minimum Order Qty		Nom <b>2000</b> Pcs			
Return Status		<b>STD</b>			
<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>					