

Ceramic Capacitors**Fixed Ceramic Capacitors**Part Number : **C3216X5R0J106K/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, Decoupling, Smoothing,** **Office Test and**

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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| 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 | 1206 |
| Size Code | 3216 |
| Body Length (L) | Min 3 mm |
| Body Length (L) | Nom 3.2 mm |
| Body Length (L) | Max 3.4 mm |
| Body Breadth (W) | Min 1.4 mm |
| Body Breadth (W) | Nom 1.6 mm |
| Body Breadth (W) | Max 1.8 mm |
| Body Height (T) | Min 1.4 mm |
| Body Height (T) | Nom 1.6 mm |
| Body Height (T) | Max 1.8 mm |
| Terminal Width (B) | Min 0.2 mm |
| Terminal Spacing (G) | Min 1 mm |
| Temperature Characteristics | X5R |
| Temperature Characteristic | Min -15 % Max 15 % |
| Category Temperature Range | Min -55 C Max 85 C |
| Rated Voltage Code | 0J |
| Rated Voltage | Max 6.3 V |
| Rated Voltage Classification | DC |
| Withstanding Voltage | Nom 15.75 V |
| Withstanding Voltage Class | DC |
| Rated Capacitance | Nom 10000000 pF |
| Capacitance Tolerance Code | K |
| Capacitance Tolerance (Value) | Min <i>No Data Available.</i> Max <i>No Data Available.</i> |
| Capacitance Tolerance (%) | Min -10 % Max 10 % |
| Q | Min <i>No Data Available.</i> |
| Measurement Frequency of | Q Nom <i>No Data Available.</i> |
| Insulation Resistance | Min 10 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 |

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").