

**Ceramic Capacitors****Fixed Ceramic Capacitors**Part Number : **CKCL22X7R1C104MT**Product Name : **Multilayer Ceramic Chip Capacitors - Array**TDK Series Name : **CKC Series**

Application :

**Cellular telephone interface, Interface cable circuit, PC and peripherals, CPU bus line, High frequency circuit, Noise bypass circuit**

Function :

**Reduced crosstalk (signal interference) between the terminals.  
Reduces Board Space and Mounting Time.**

Description :

**The CKC Series are integrated, single - chip, 2 - element capacitors that are highly effective in EMC countermeasure applications.**[Submit Sample Request](#)[Check Distributor Inventory](#)[Print Page](#)**Additional Search Tools:**

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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>0805</b>
Size Code	<b>2012</b>
Body Length (L)	Min <b>1.85</b> mm
Body Length (L)	Nom <b>2</b> mm
Body Length (L)	Max <b>2.15</b> mm
Body Breadth (W)	Min <b>1.1</b> mm
Body Breadth (W)	Nom <b>1.25</b> mm
Body Breadth (W)	Max <b>1.4</b> mm
Body Height (T)	Min <b>0.7</b> mm
Body Height (T)	Nom <b>0.85</b> mm
Body Height (T)	Max <b>1</b> mm
Terminal Width (B)	Min <b>0.9</b> mm
Terminal Spacing (G)	Min <b>0.35</b> mm
Temperature Characteristics	<b>X7R</b>
Temperature Characteristic	Min <b>-15</b> % Max <b>15</b> %
Category Temperature Range	Min <b>-55</b> C Max <b>125</b> C
Rated Voltage Code	<b>1C</b>
Rated Voltage	Max <b>16</b> V
Rated Voltage Classification	<b>DC</b>
Withstanding Voltage	Nom <b>40</b> V
Withstanding Voltage Class	<b>DC</b>
Rated Capacitance	Nom <b>100000</b> pF
Capacitance Tolerance Code	<b>M</b>
Capacitance Tolerance (Value)	Min <i>No Data Available.</i> Max <i>No Data Available.</i>
Capacitance Tolerance (%)	Min <b>-20</b> % Max <b>20</b> %
Q	Min <i>No Data Available.</i>
Measurement Frequency of Q	Nom <i>No Data Available.</i>
Insulation Resistance	Min <b>1000</b> MOhm
Dissipation Factor	Max <b>5</b> %
Frequency of Dissipation Factor	Nom <b>1</b> kHz
Soldering Method	<b>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>4000</b> Pcs
Minimum Order Qty	Nom <b>4000</b> Pcs
Return Status	<b>NCNR</b>

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").