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.

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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	**0805**
Size Code	**2012**
Body Length (L)	Min **1.85** mm
Body Length (L)	Nom **2** mm
Body Length (L)	Max **2.15** mm
Body Breadth (W)	Min **1.1** mm
Body Breadth (W)	Nom **1.25** mm
Body Breadth (W)	Max **1.4** mm
Body Height (T)	Min **0.7** mm
Body Height (T)	Nom **0.85** mm
Body Height (T)	Max **1** mm
Terminal Width (B)	Min **0.9** mm
Terminal Spacing (G)	Min **0.35** mm
Temperature Characteristics	**X7R**
Temperature Characteristic	Min **-15** %
	Max **15** %
Category Temperature Range	Min **-55** C
	Max **125** 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 **100000** 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 **1000** MOhm
Dissipation Factor	Max **5** %
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 **4000** Pcs
Minimum Order Qty	Nom **4000** Pcs
Return Status	**NCNR**