

Multilayer Ceramic Chip Capacitors

Product Top Page Search by Part No. Search by Characteristics Cross Reference Catalog Tech Note Technical Support Tool FAQ

CKCA43X7R1H472M100AA
 RoHS REACH SVHC-Free Halogen Free Lead Free

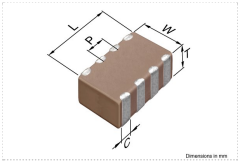
TDK item description ? CKCA43X7R1H472MT****

Applications Commercial Grade

Feature 4-Array 4 in 1 Array

Series CKCA43(3216) [EIA 1206]

Status Production (Not Recommended for New Design)



Images are for reference only and show exemplary products.

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Size	
Length(L)	3.20mm ±0.20mm
Width(W)	1.60mm ±0.20mm
Thickness(T)	1.00mm ±0.15mm
Terminal Width(C)	0.40mm Nom.
Terminal Spacing(P)	0.80mm Nom.
Recommended Land Pattern (PA)	0.60mm to 0.70mm
Recommended Land Pattern (PB)	0.80mm to 1.00mm
Recommended Land Pattern (PC)	0.40mm Nom.
Recommended Land Pattern (PP)	0.80mm Nom.

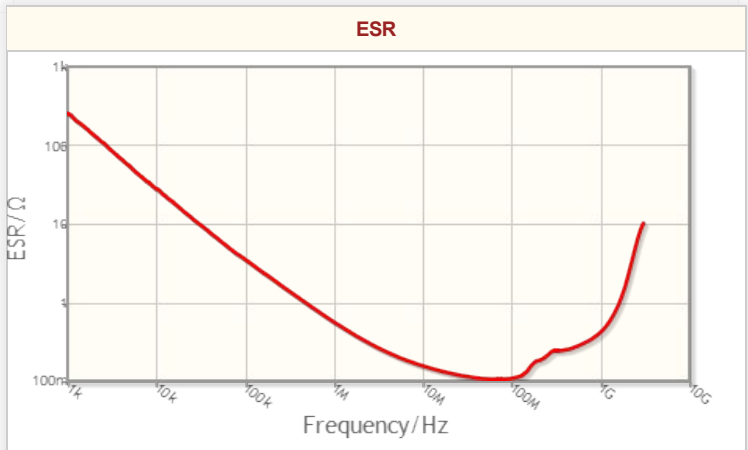
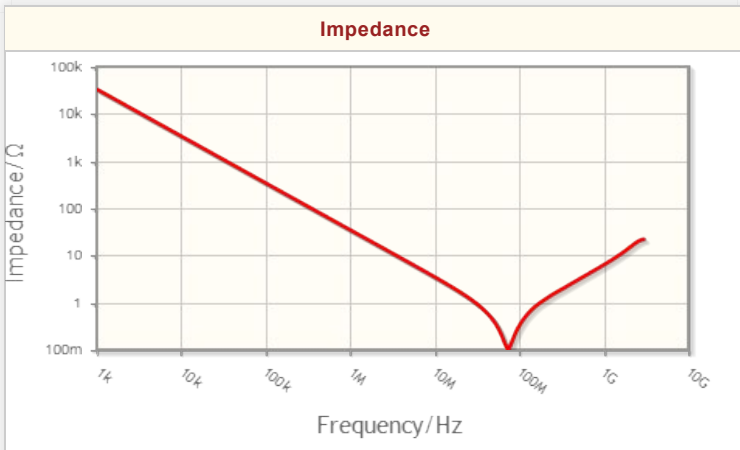
Electrical Characteristics	
Capacitance	4.7nF ±20%
Rated Voltage	50VDC
Temperature Characteristic ?	X7R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

Other	
Soldering Method	Reflow
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

- Documents**
- Catalog
 - Specification
 - RoHS Certificate
 - SVHC/REACH Certificate
 - Characterization Sheet
 - Promotion Video
 - Sample Kits

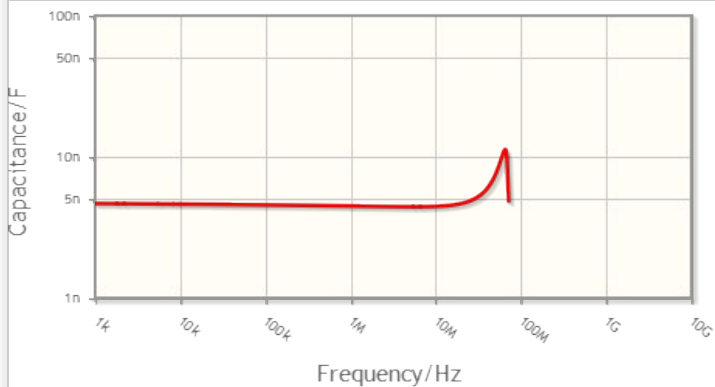
- Technical Support Tools**
- SPICE Netlist (Simple)
 - SPICE Netlist (Precision)
 - Equivalent Circuit Model
 - DC Bias/Superimposition Model (HSPICE)

Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)



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Capacitance

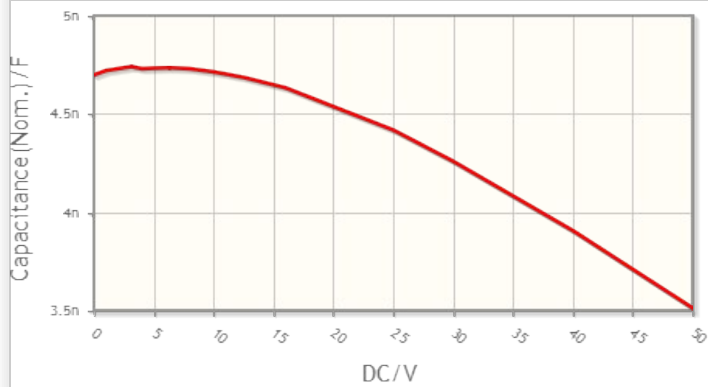


CKCA43X7R1H472M100AA

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Change settings

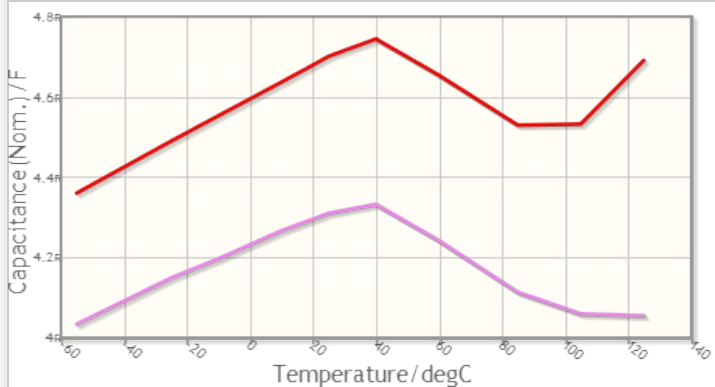
DC Bias Characteristic



CKCA43X7R1H472M100AA

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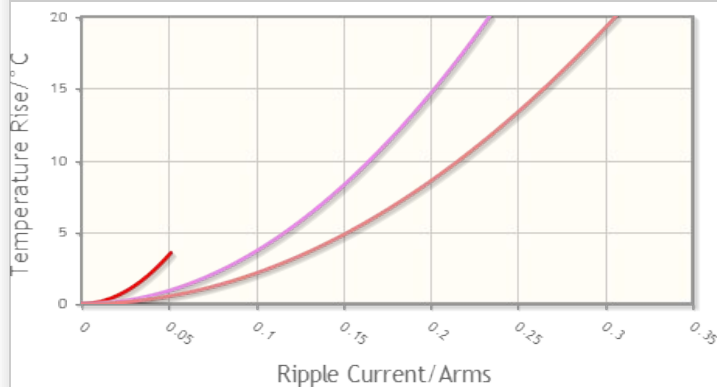
Temperature Characteristic



CKCA43X7R1H472M100AA(No Bias) CKCA43X7R1H472M100AA(DC Bias s = 25V)

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Ripple Temperature Rising



CKCA43X7R1H472M100AA(10 0kHz) CKCA43X7R1H472M100AA(50 0kHz) CKCA43X7R1H472M100AA(1 MHz)

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- » Power Supplies
- » EMC Components
- » Magnets
- » RF / SAW Components and Modules
- » Flash Storages
- » Voltage / Current / Temperature Protection Devices
- » Wireless Charging
- » Sensors and Sensor Systems
- » FA Systems
- » Ceramic Switching / Heating, Piezo Components and Buzzers
- » Transparent Conductive Film
- » Transformers
- » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)
- » Ferrites and Accessories
- » Solar Cells
- » Noise Suppressing / Magnetic Sheet
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