

Multilayer Ceramic Chip Capacitors

Product Top Page

Search by Part No.

Search by Characteristics

Cross Reference

Catalog

Tech Notes

Technical Support Tools

FAQ

CGA6P1X8R1E106M250AC

?



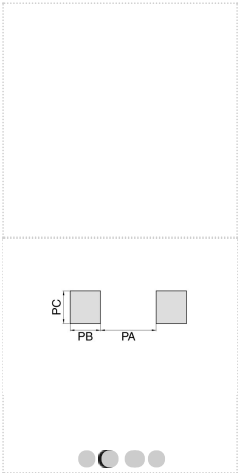
TDK item description ? CGA6P1X8R1E106MT****

Applications Automotive Grade

Feature High Temperature Application
 AEC-Q200

Series CGA6(3225) [EIA 1210]

Status Production



Images are for reference only and show exemplary products.

PDF file of this page

Contact

Documents

- Catalog
- Specification
- RoHS Certificate
- SVHC/REACH Certificate
- Promotion Video
- Sample Kits

Size

Length(L)	3.20mm ±0.40mm
Width(W)	2.50mm ±0.30mm
Thickness(T)	2.50mm ±0.30mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	2.00mm to 2.40mm
Recommended Land Pattern (PB)	1.00mm to 1.20mm
Recommended Land Pattern (PC)	1.90mm to 2.50mm

Electrical Characteristics

Capacitance	10μF ±20%
Rated Voltage	25VDC
Temperature Characteristic ?	X8R(±15%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	50MΩ

Other

Soldering Method	Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs

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

Impedance

no data available

ESR

no data available

Change settings

Capacitance

no data available

Change settings

Temperature Characteristic

no data available

Change settings

Change settings

DC Bias Characteristic

no data available

Change settings

Ripple Temperature Rising

no data available

Change settings

Products

» [Selection Guide](#) » [Search by Part No.](#) » [Search by Characteristics](#) » [Distributor Inventory Check](#)

- | | |
|--|---|
| » Capacitors | » Anechoic Chambers and Radio Wave Absorbers |
| » Inductors (Coils) | » Power Supplies |
| » EMC Components | » Magnets |
| » RF Components and Modules | » Flash Storages |
| » Voltage / Current / Temperature Protection Devices | » Wireless Power Transfer |
| » Sensors and Sensor Systems | » FA Systems |
| » Ceramic Switching / Heating, Piezo Components, Buzzers and Microphones | » Transparent Conductive Film |
| » Transformers | » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB) |
| » Ferrites and Accessories | » Solar Cells |
| » Noise Suppressing / Magnetic Sheet | » Biosensor |

Application Guides

Technical Support

Tech Library

Environment

Contact

News

Home

-  [About TDK](#)
-  [TDK Worldwide](#)

