

Multilayer Ceramic Chip Capacitors

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CGA2B1X8R1E473M050BC



TDK item description ? CGA2B1X8R1E473MT****

Applications



Automotive Grade

Feature

150°C

High Temperature Application

AEC-Q200

AEC-Q200

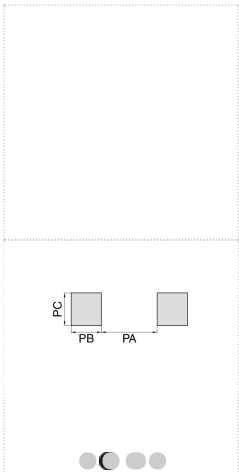
Series

CGA2(1005) [EIA 0402]

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) 1.00mm ±0.05mm

Width(W) 0.50mm ±0.05mm

Thickness(T) 0.50mm ±0.05mm

Terminal Width(B) 0.10mm Min.

Terminal Spacing(G) 0.30mm Min.

Recommended Land Pattern (PA) 0.30mm to 0.50mm

Recommended Land Pattern (PB) 0.35mm to 0.45mm

Recommended Land Pattern (PC) 0.40mm to 0.60mm

Electrical Characteristics

Capacitance 47nF ±20%

Rated Voltage 25VDC

Temperature Characteristic ? X8R(±15%)

Dissipation Factor (Max.) 5%

Insulation Resistance (Min.) 10000MΩ

Other

Soldering Method Reflow

AEC-Q200 Yes

Packing Punched (Paper)Taping [180mm Reel]

Package Quantity 10000pcs

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

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| » RF Components and Modules | » Flash Storages |
| » Voltage / Current / Temperature Protection Devices | » Wireless Power Transfer |
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