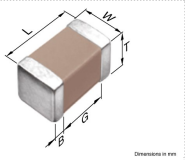
Multilayer Ceramic Chip Capacitors

CGA2B1X8R1E473K050BC

RoHS | REACH SVHC-Free | Halogen Free | Lead Free

TDK item description	CGA2B1X8R1E473KT****
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.

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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 ±10%
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

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Capacitance

no data available

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DC Bias Characteristic

no data available

Change settings

Temperature Characteristic

no data available

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Ripple Temperature Rising

no data available

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