

Multilayer Ceramic Chip Capacitors

CGA6P1X8L1C226M250AC



TDK item description ? CGA6P1X8L1C226MT****

Applications Automotive Grade

Feature 150°C High Temperature Application
AEC-Q200 AEC-Q200

Series CGA6(3225) [EIA 1210]

Status Production



Images are for reference only and show exemplary products.

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Documents	
	Catalog
	Specification
	RoHS Certificate
	SVHC/REACH Certificate Update
	Selection Guide for Automotive MLCC New
	Sample Kits
	Characterization Sheet

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	22µF ±20%
Rated Voltage	16VDC
Temperature Characteristic ?	X8L(+15,-40%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	4MΩ

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.)



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

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