

# Multilayer Ceramic Chip Capacitors

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**CGA5L1X8R1E475K160AC**



**TDK item description** ? CGA5L1X8R1E475K\*\*\*\*

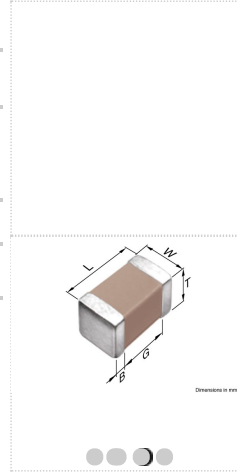
**Applications** Automotive Grade

**Feature** High Temperature Application

AEC-Q200

**Series** CGA5(3216) [EIA 1206]

**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)	3.20mm ±0.20mm
Width(W)	1.60mm ±0.20mm
Thickness(T)	1.60mm ±0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern (PA)	2.10mm to 2.50mm(Flow Soldering) 2.00mm to 2.40mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.10mm to 1.30mm(Flow Soldering) 1.00mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PC)	1.00mm to 1.30mm(Flow Soldering) 1.10mm to 1.60mm(Reflow Soldering)

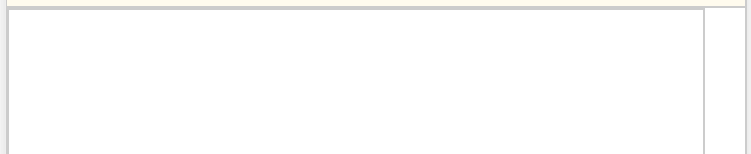
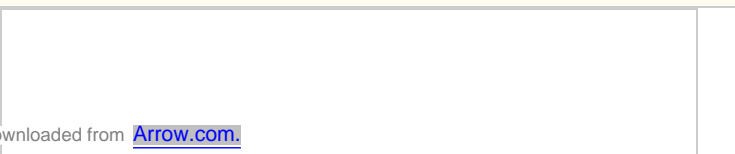
Electrical Characteristics	
Capacitance	4.7µF ±10%
Rated Voltage	25VDC
Temperature Characteristic ?	X8R(±15%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	106MΩ

Other	
Soldering Method	Wave (Flow) Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

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

**Impedance**

**ESR**



no data available

Change settings

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### Capacitance

no data available

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### DC Bias Characteristic

no data available

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### Temperature Characteristic

no data available

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### Ripple Temperature Rising

no data available

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- » Noise Suppressing / Magnetic Sheet
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