

Product Status

Production

TDK Item Description CGA5L3X7R2E104KT****

Applications

Automotive Grade

Feature

AEC-Q200

Mid Voltage (100 to 630V)

Series

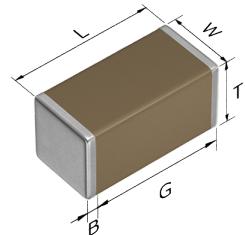
CGA5(3216) [EIA 1206]

Brand

TDK

Environmental

Compliance



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 100nF ±10%

Rated Voltage 250VDC

Temperature Characteristic X7R(±15%)

Dissipation Factor (Max.) 3%

Insulation Resistance (Min.) 5000MΩ

Other

Operating Temp. Range -55 to 125°C

Soldering Method Wave (Flow)
Reflow

AEC-Q200 YES

Packing Embossed (Plastic)Taping [180mm Reel]

Package Quantity 2000pcs

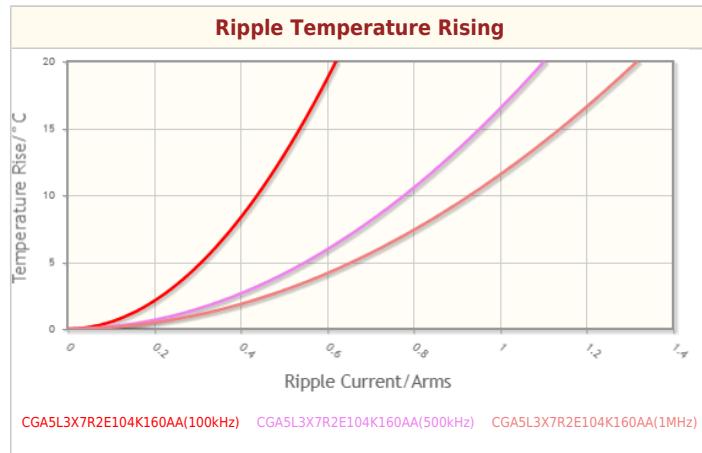
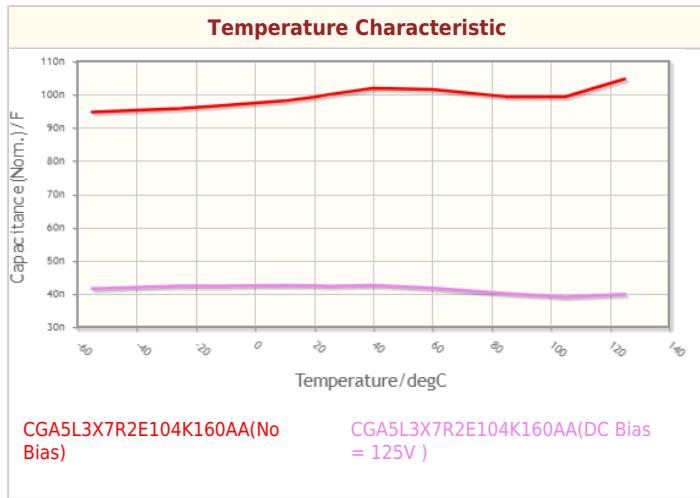
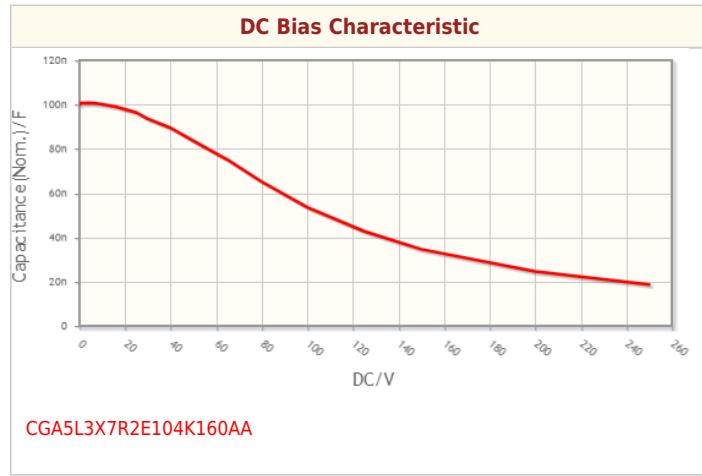
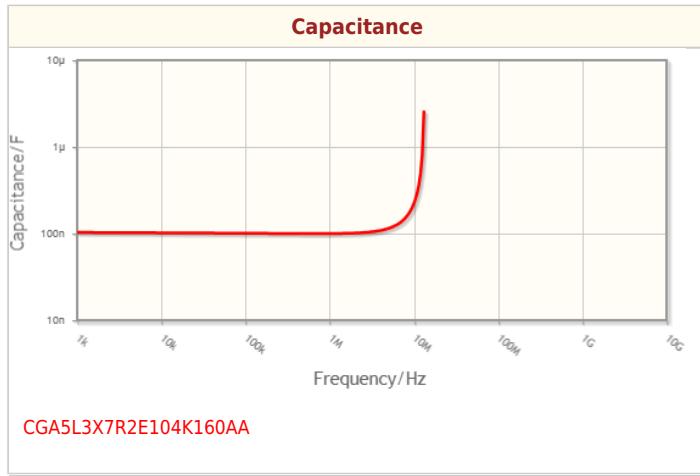
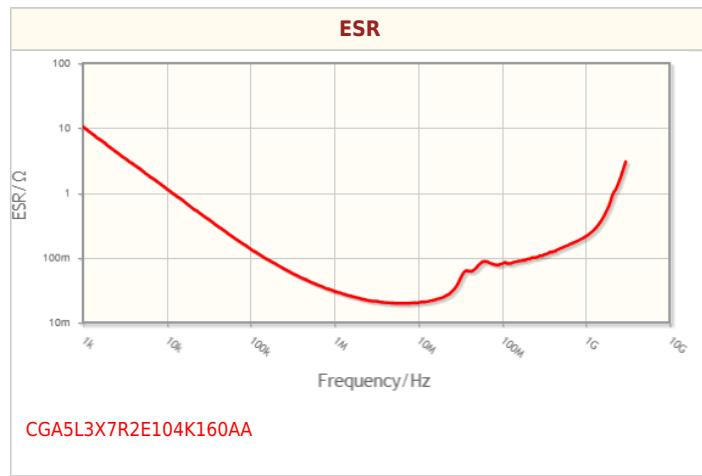
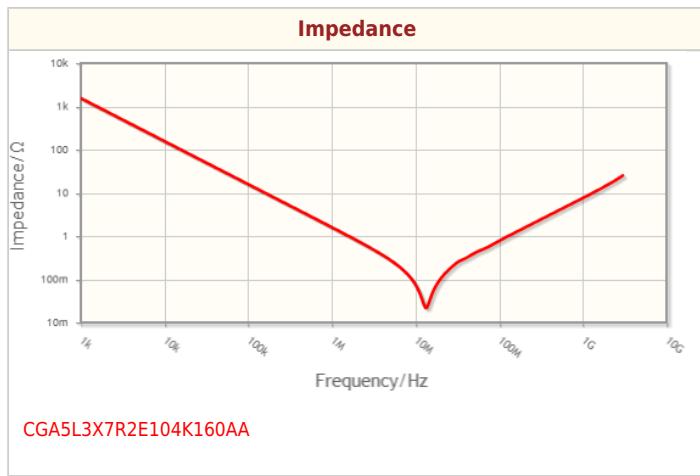
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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)

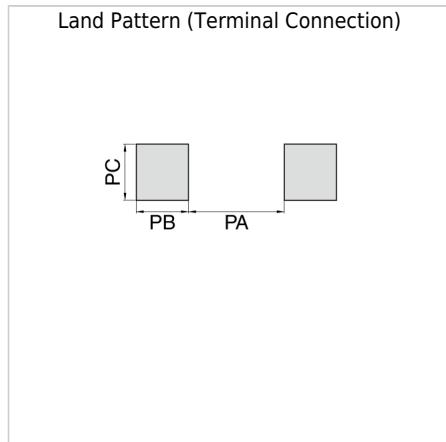


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Associated Images



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