

Product Status

Production

TDK Item Description CGA3E2X7R2A472KT****

Applications

Automotive Grade

Feature

AEC-Q200AEC-Q200

Mid Mid Voltage (100 to 630V)

Series

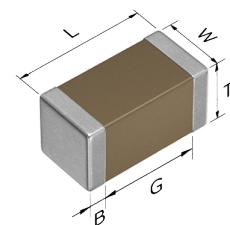
CGA3(1608) [EIA 0603]

Brand

TDK

Environmental

Compliance



Size

Length(L) 1.60mm ±0.10mm

Width(W) 0.80mm ±0.10mm

Thickness(T) 0.80mm ±0.10mm

Terminal Width(B) 0.20mm Min.

Terminal Spacing(G) 0.30mm Min.

Recommended Land Pattern (PA) 0.70mm to 1.00mm(Flow Soldering)
0.60mm to 0.80mm(Reflow Soldering)Recommended Land Pattern (PB) 0.80mm to 1.00mm(Flow Soldering)
0.60mm to 0.80mm(Reflow Soldering)Recommended Land Pattern (PC) 0.60mm to 0.80mm(Flow Soldering)
0.60mm to 0.80mm(Reflow Soldering)

Electrical Characteristics

Capacitance 4.7nF ±10%

Rated Voltage 100VDC

Temperature Characteristic X7R(±15%)

Dissipation Factor (Max.) 3%

Insulation Resistance (Min.) 10000MΩ

Other

Operating Temp. Range -55 to 125°C

Soldering Method Wave (Flow)
Reflow

AEC-Q200 YES

Packing Punched (Paper)Taping [180mm Reel]

Package Quantity 4000pcs

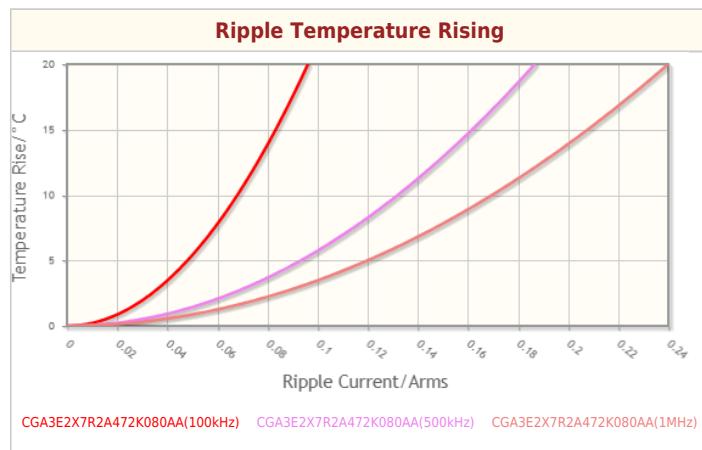
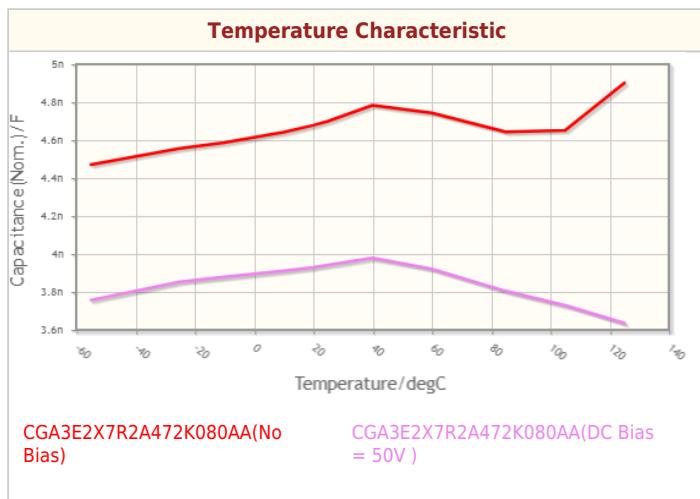
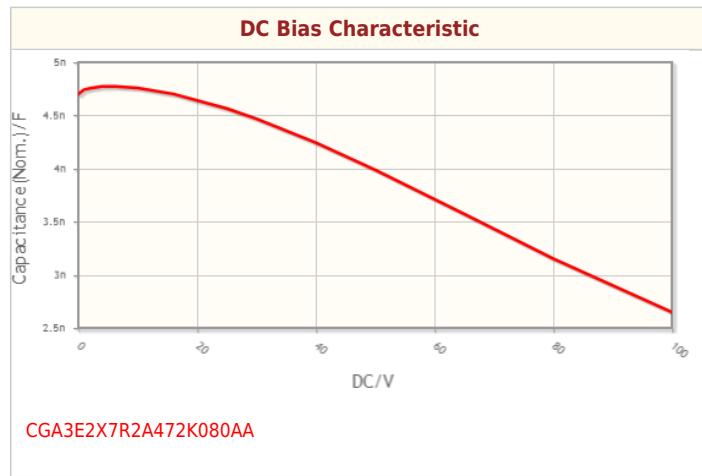
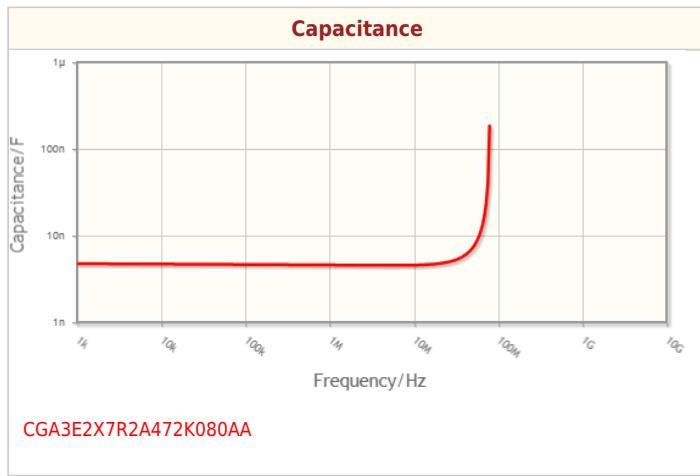
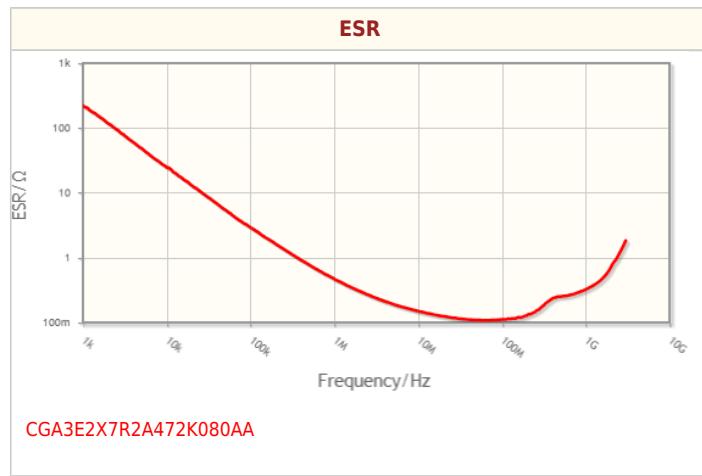
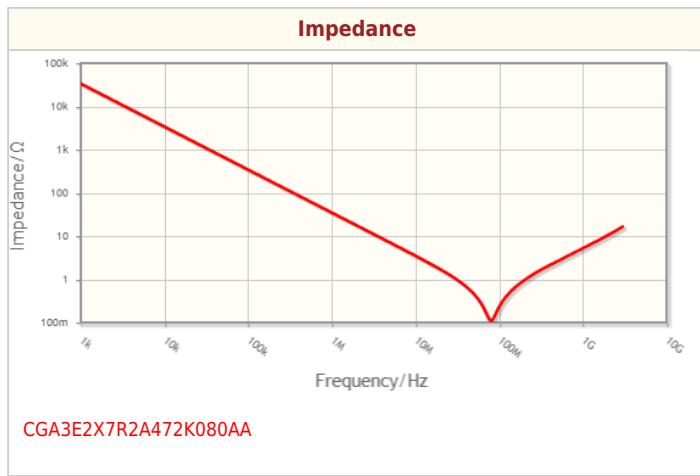
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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)

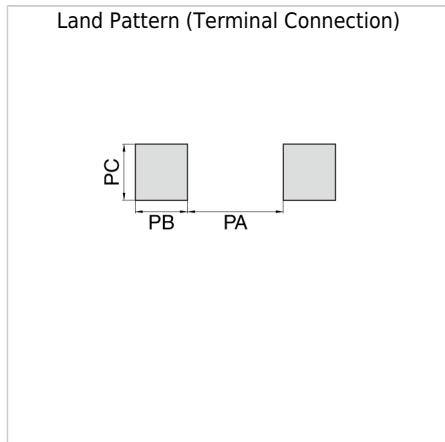


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Associated Images



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