

Product Status

Production

TDK Item Description

CGA5K4X7R2J223MT***S

Applications

Automotive Grade

AEC-Q200

Feature

Mid Voltage (100 to 630V)

Soft Termination

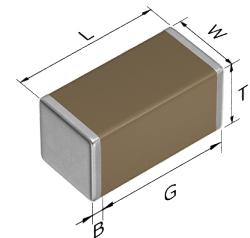
Series

CGA5(3216) [EIA 1206]

Brand

TDK

Environmental Compliance



Size

Length(L) 3.20mm +0.40,-0.20mm

Width(W) 1.60mm +0.30,-0.20mm

Thickness(T) 1.30mm ±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 22nF ±20%

Rated Voltage 630VDC

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 Embossed (Plastic)Taping [180mm Reel]

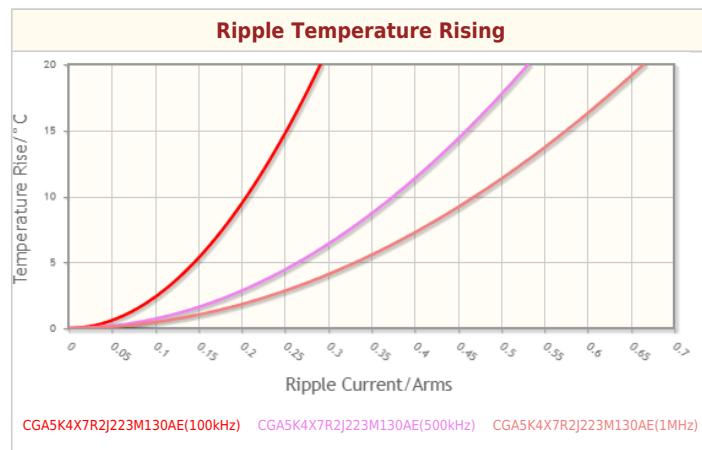
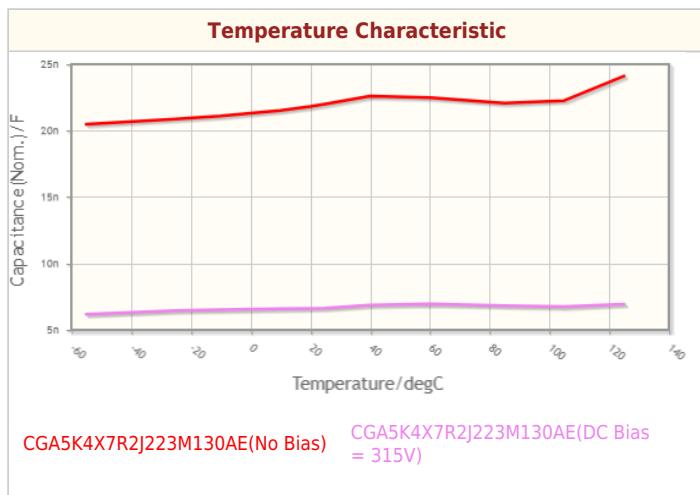
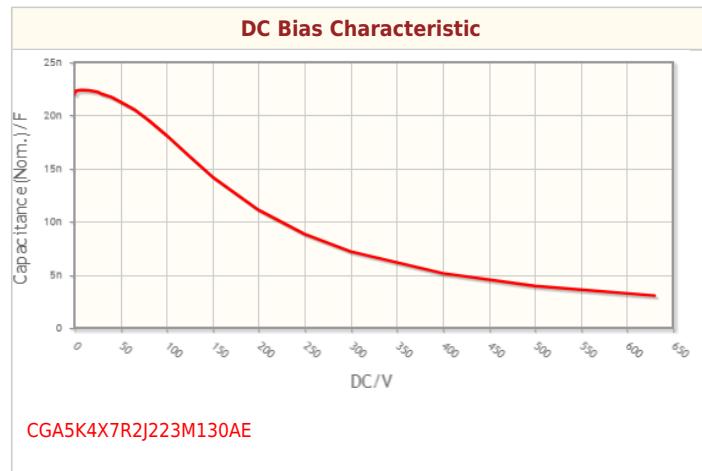
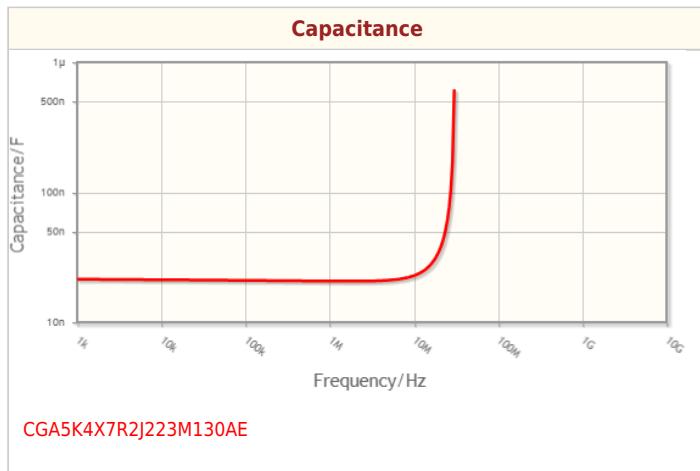
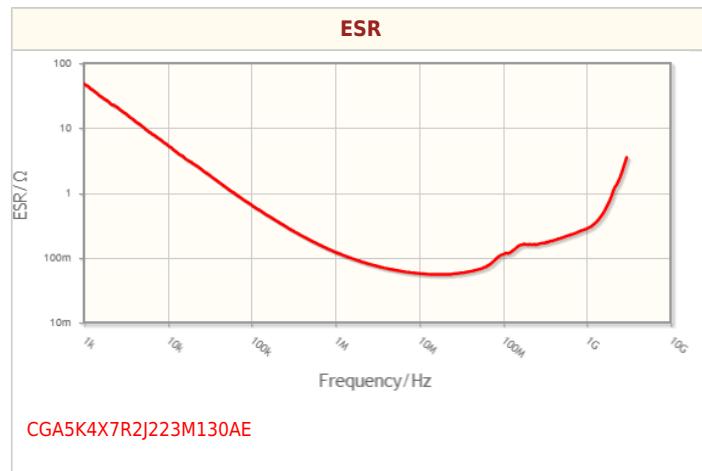
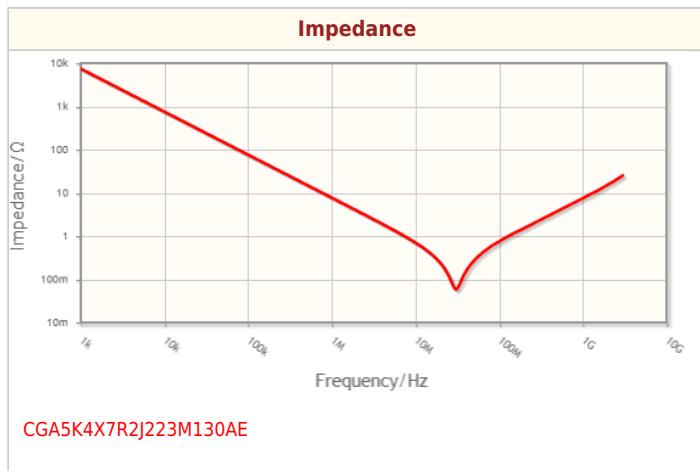
Package Quantity 2000pcs

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! All specifications are subject to change without notice.

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

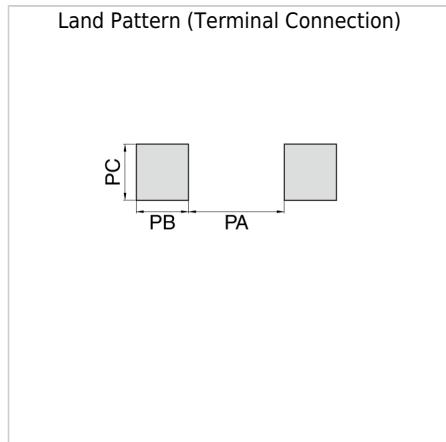


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Associated Images



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