

Product Status

Production

TDK Item Description

C2012C0G2E102J****

Applications

Commercial Grade

Please refer to Part No. [CGA4F3C0G2E102J085AA](#) for Automotive use.

Feature

Mid Voltage (100 to 630V)

Series

C2012 [EIA 0805]

Brand

TDK

Environmental

Compliance



RoHS



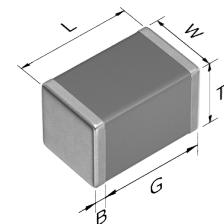
REACH



Halogen Free



Lead Free



Size

Length(L) 2.00mm ±0.20mm

Width(W) 1.25mm ±0.20mm

Thickness(T) 0.85mm ±0.15mm

Terminal Width(B) 0.20mm Min.

Terminal Spacing(G) 0.50mm Min.

Recommended Land Pattern (PA) 1.00mm to 1.30mm(Flow Soldering)
0.90mm to 1.20mm(Reflow Soldering)Recommended Land Pattern (PB) 1.00mm to 1.20mm(Flow Soldering)
0.70mm to 0.90mm(Reflow Soldering)Recommended Land Pattern (PC) 0.80mm to 1.10mm(Flow Soldering)
0.90mm to 1.20mm(Reflow Soldering)

Electrical Characteristics

Capacitance 1nF ±5%

Rated Voltage 250VDC

Temperature Characteristic C0G(0±30ppm/°C)

Q (Min.) 1000

Insulation Resistance (Min.) 10000MΩ

Allowable Voltage

Allowable Current

Other

Operating Temp. Range -55 to 125°C

Soldering Method Wave (Flow)
Reflow

AEC-Q200 NO

Packing Punched (Paper)Taping [180mm Reel]

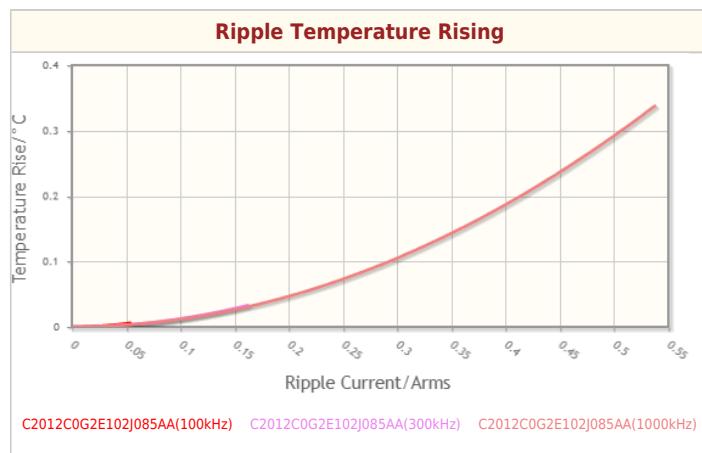
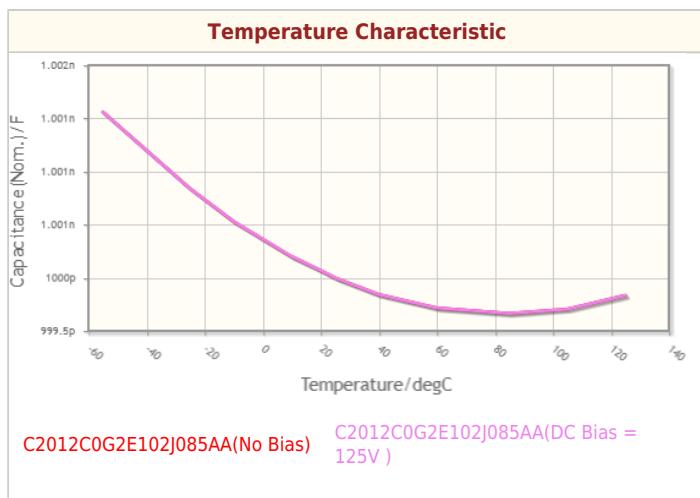
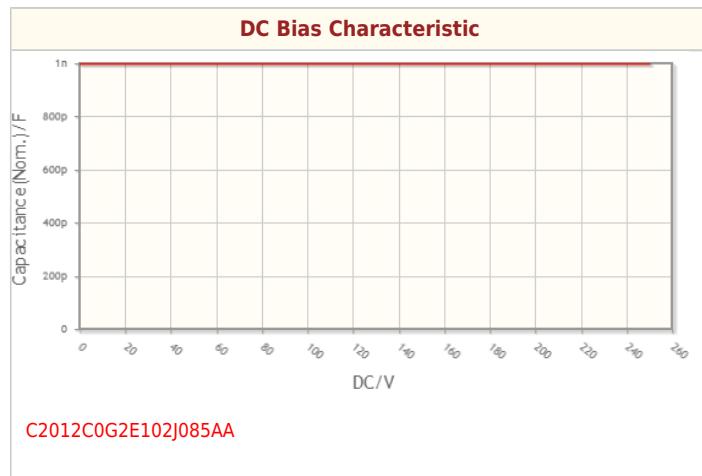
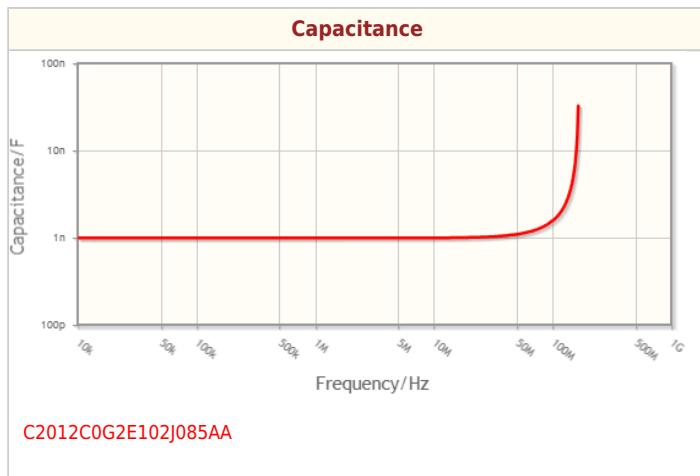
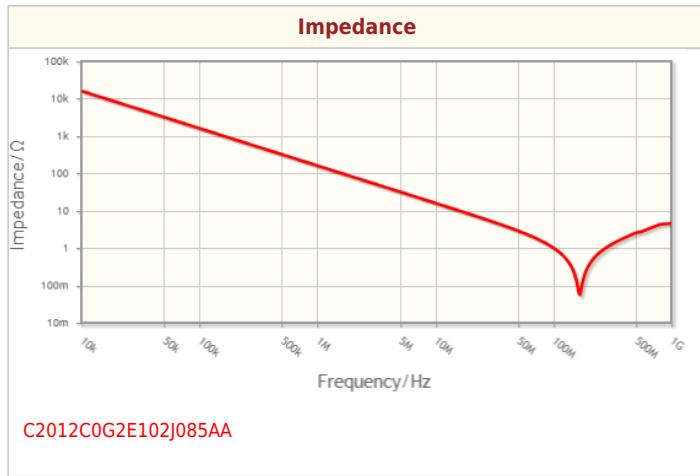
Package Quantity 4000pcs

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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.)

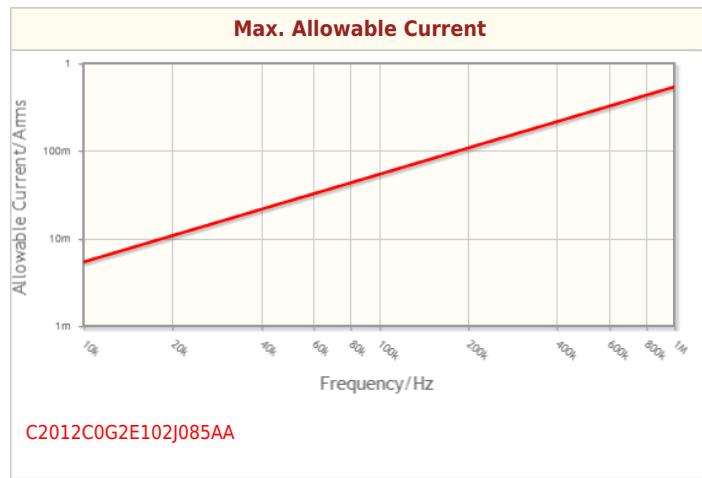
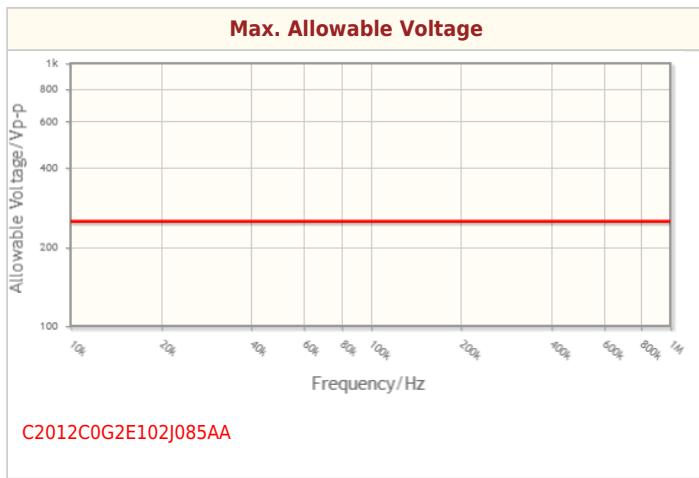


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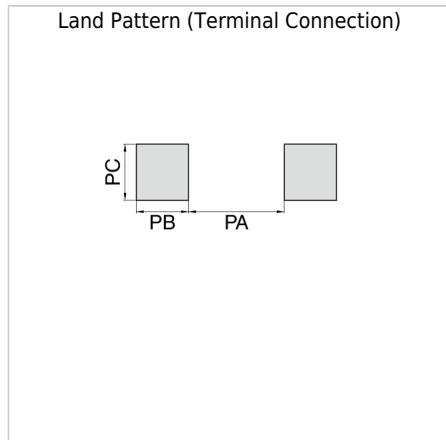
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Associated Images



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