

Product Status

Production

TDK Item Description C2012X5R0G476MT****

Applications Commercial Grade

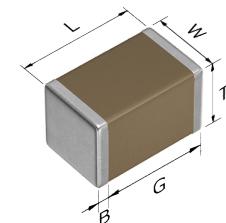
Feature General (Up to 75V)

Series C2012 [EIA 0805]

Brand TDK

Environmental Compliance
 





Size

Length(L) 2.00mm ±0.20mm

Width(W) 1.25mm ±0.20mm

Thickness(T) 1.25mm ±0.20mm

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 47μF ±20%

Rated Voltage 4VDC

Temperature Characteristic X5R(±15%)

Dissipation Factor (Max.) 10%

Insulation Resistance (Min.) 2MΩ

Other

Operating Temp. Range -55 to 85°C

Soldering Method Wave (Flow)
Reflow

AEC-Q200 NO

Packing Embossed (Plastic)Taping [180mm Reel]

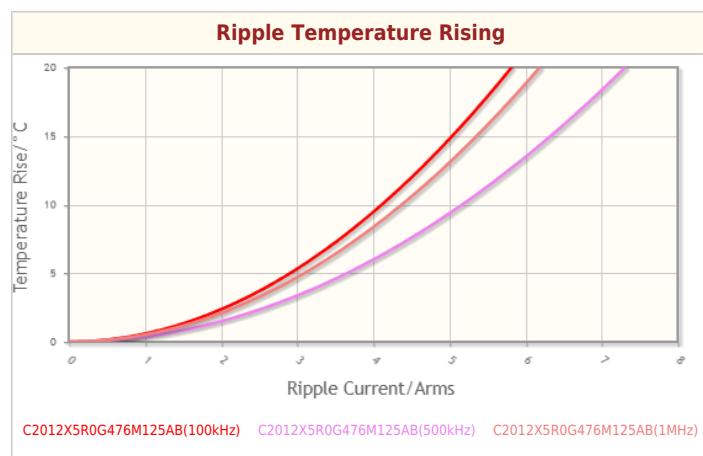
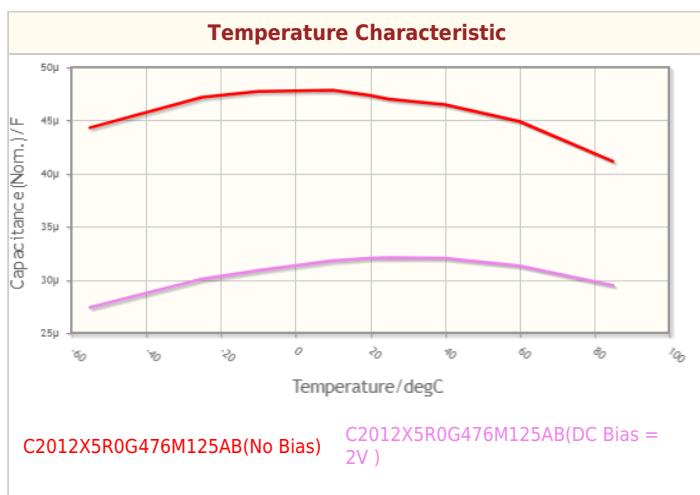
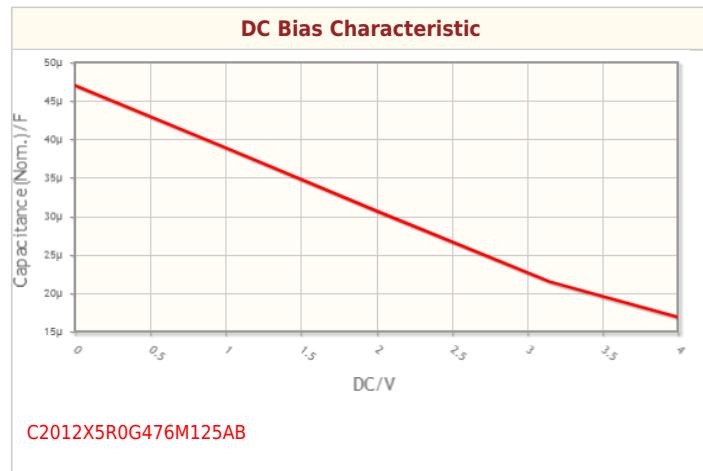
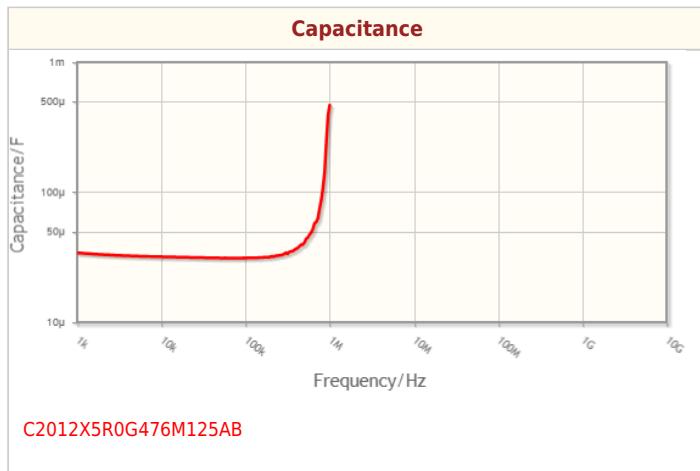
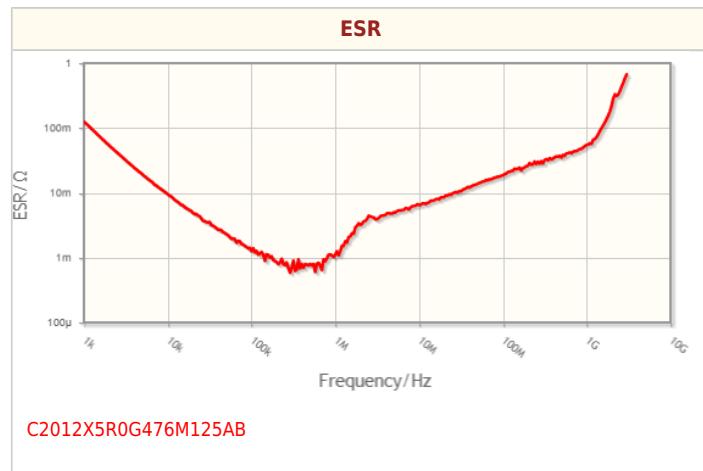
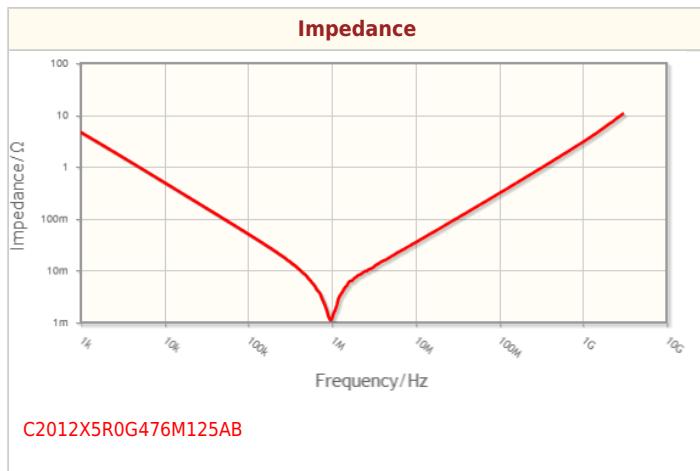
Package Quantity 2000pcs

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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.)

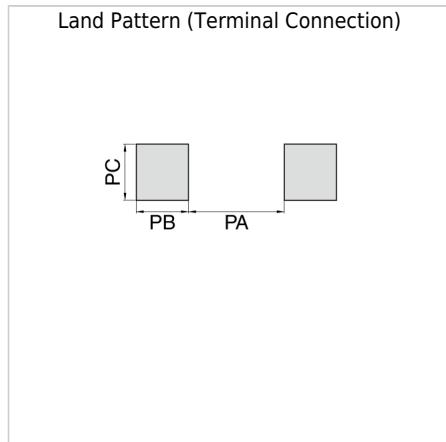


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Associated Images



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