

Product Status Production

TDK Item Description CGA4J3X7R2E103MT\*\*\*S

Applications Automotive Grade

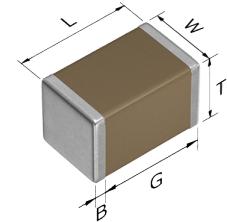
AEC-Q200 AEC-Q200

Feature Mid Mid Voltage (100 to 630V)

Soft Soft Termination

Series CGA4(2012) [EIA 0805]

Brand TDK



## Size

Length(L) 2.00mm +0.45,-0.20mm

Width(W) 1.25mm +0.25,-0.20mm

Thickness(T) 1.25mm +0.25,-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 10nF ±20%

Rated Voltage 250VDC

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]

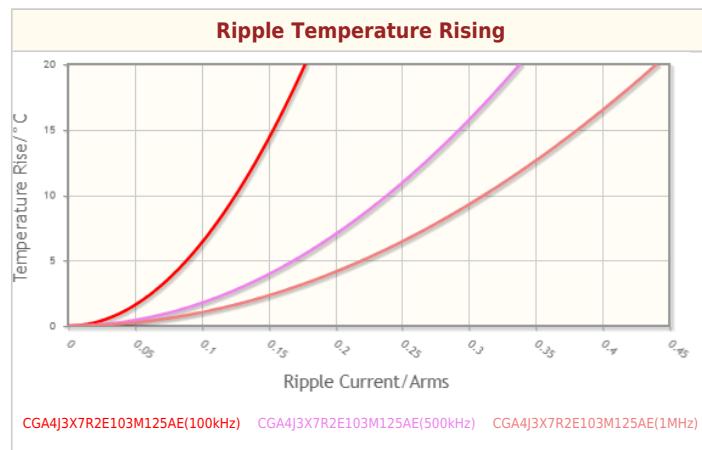
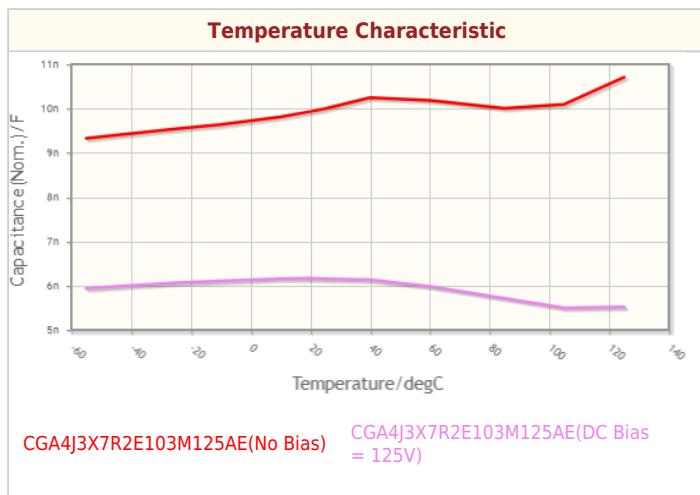
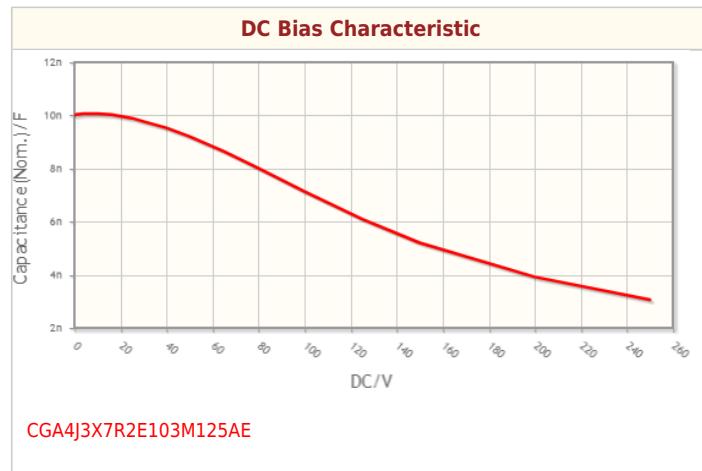
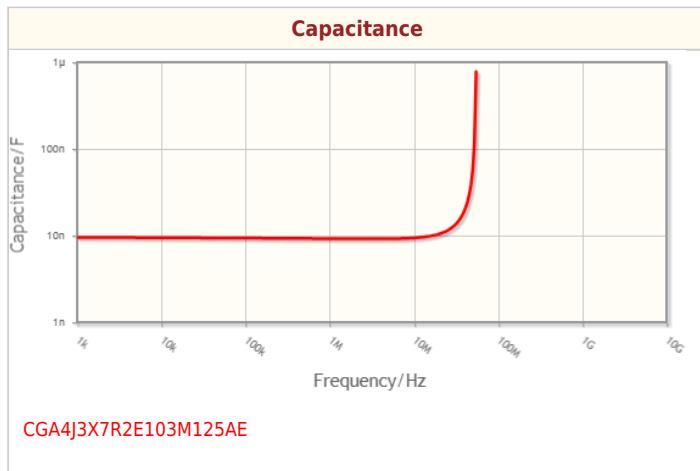
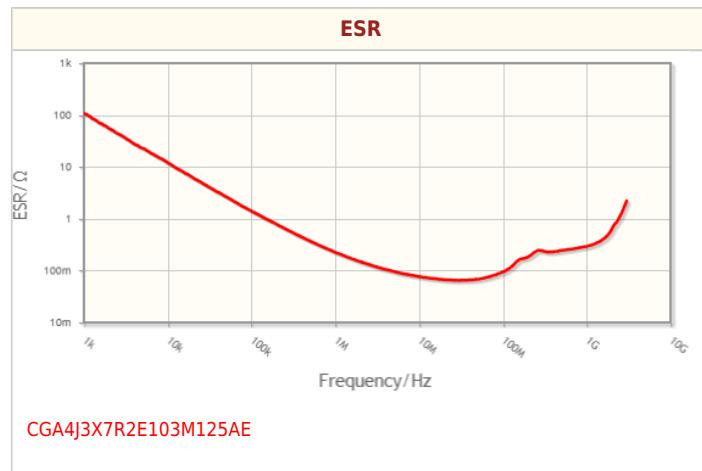
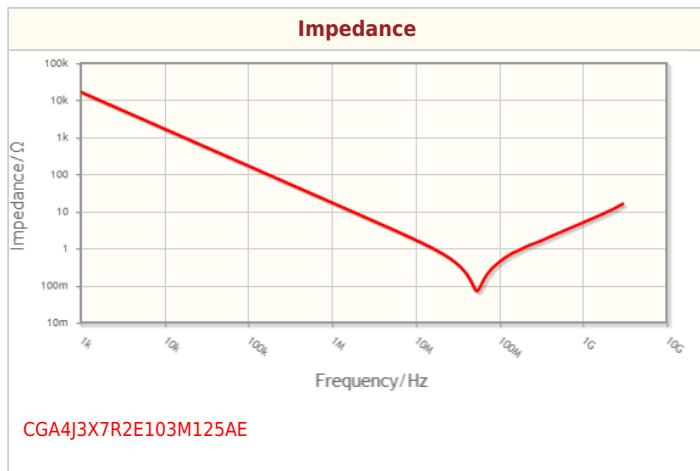
Package Quantity 2000pcs

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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

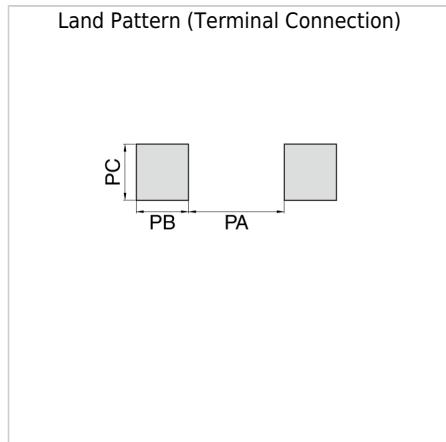


! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

## Associated Images



! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.