

## Product Status

Production

TDK Item Description CGA5L1X7R1E685KT\*\*\*\*

## Applications

Automotive Grade

## Feature

AEC-Q200

General (Up to 50V)

## Series

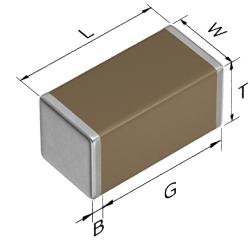
CGA5(3216) [EIA 1206]

## Brand

TDK

## Environmental

Compliance



## Size

Length(L) 3.20mm +0.30,-0.10mm

Width(W) 1.60mm +0.30,-0.10mm

Thickness(T) 1.60mm +0.30,-0.10mm

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 6.8 $\mu$ F  $\pm$ 10%

Rated Voltage 25VDC

Temperature Characteristic X7R( $\pm$ 15%)

Dissipation Factor (Max.) 7.5%

Insulation Resistance (Min.) 73M $\Omega$ 

## Other

Operating Temp. Range -55 to 125°C

Soldering Method Wave (Flow)  
Reflow

AEC-Q200 YES

Packing Embossed (Plastic)Taping [180mm Reel]

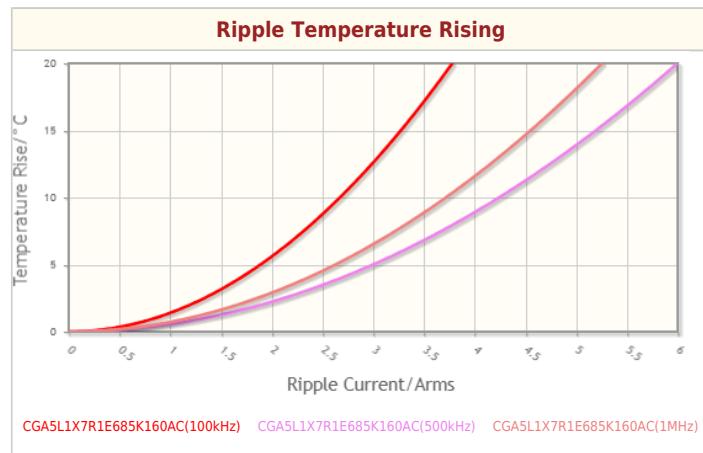
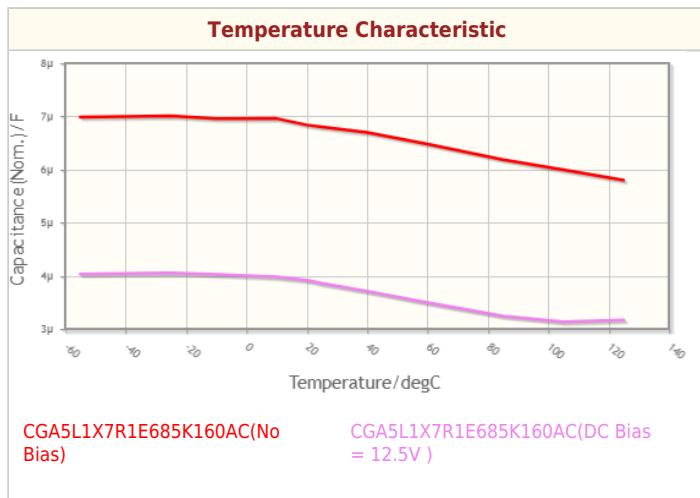
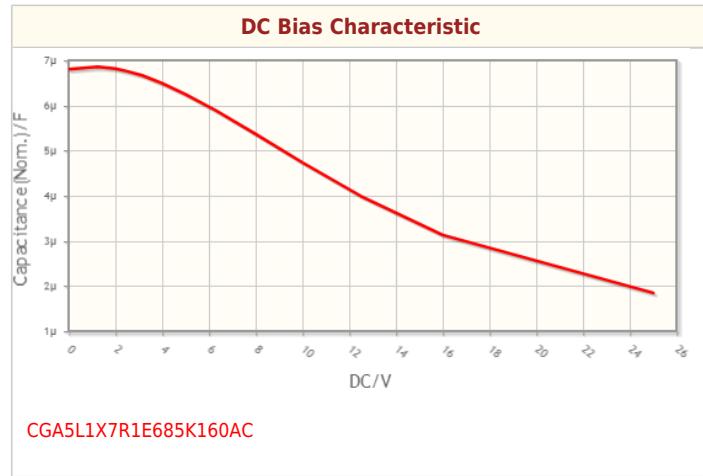
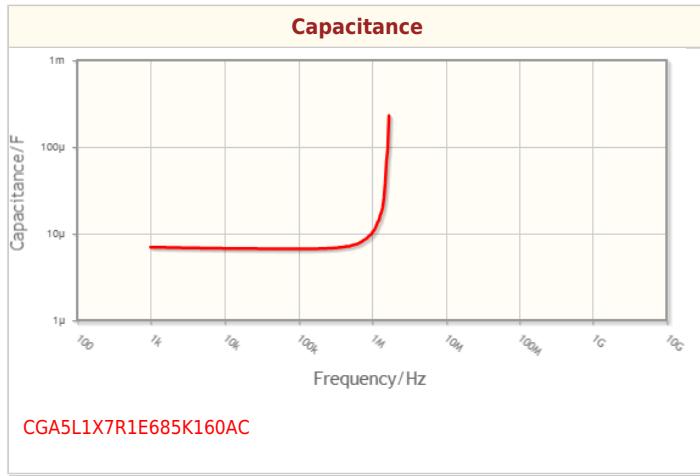
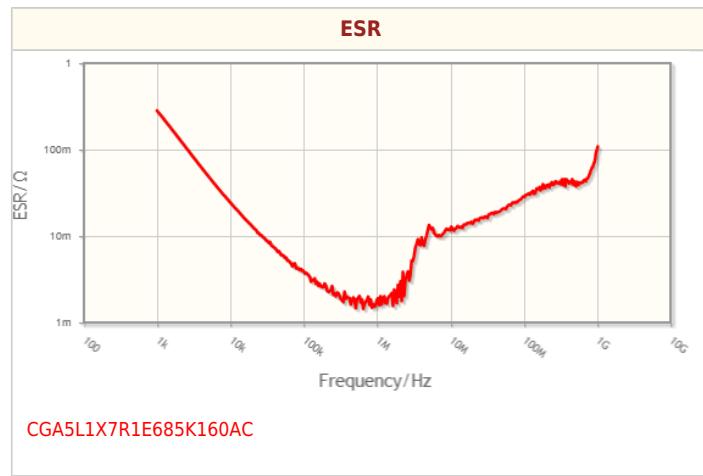
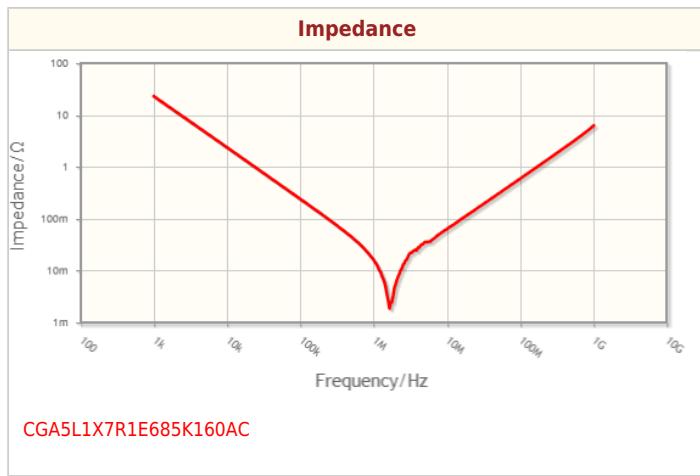
Package Quantity 2000pcs

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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.)

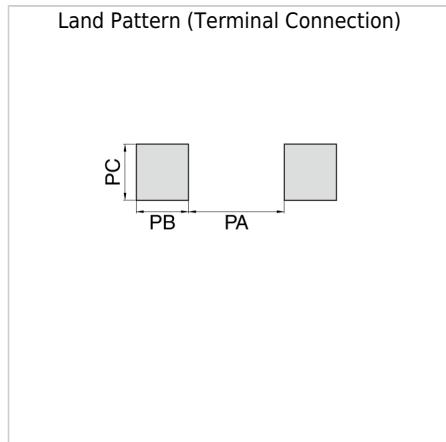


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## Associated Images



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