

Product Status

Production

TDK Item Description CGA3E2C0G2A102JT***B

Applications

Automotive Grade

AEC-Q200

Feature

Mid Voltage (100 to 630V)

Glue Conductive Epoxy Application

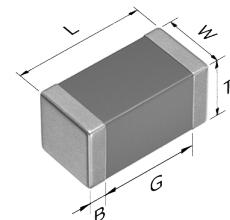
Series

CGA3(1608) [EIA 0603]

Brand

TDK

Environmental Compliance



Size

Length(L)	1.60mm ± 0.15 mm
Width(W)	0.80mm ± 0.15 mm
Thickness(T)	0.80mm ± 0.15 mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.70mm to 1.00mm
Recommended Land Pattern (PB)	0.80mm to 1.00mm
Recommended Land Pattern (PC)	0.60mm to 0.80mm

Electrical Characteristics

Capacitance	1nF $\pm 5\%$
Rated Voltage	100VDC
Temperature Characteristic	C0G(0 ± 30 ppm/ $^{\circ}$ C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000M Ω
Allowable Voltage	
Allowable Current	

Other

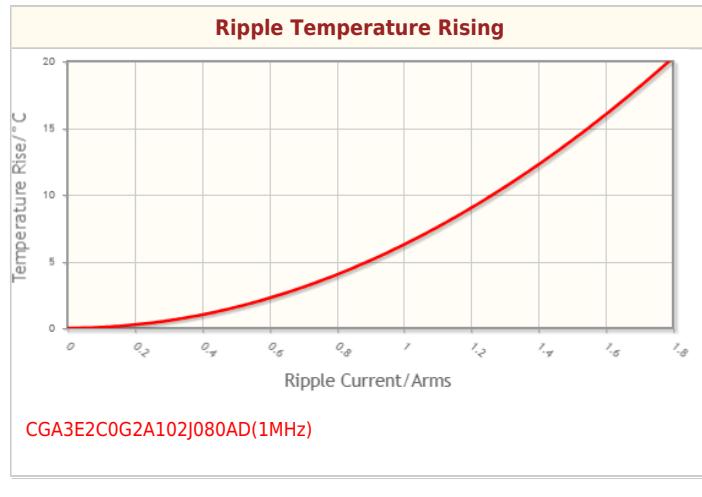
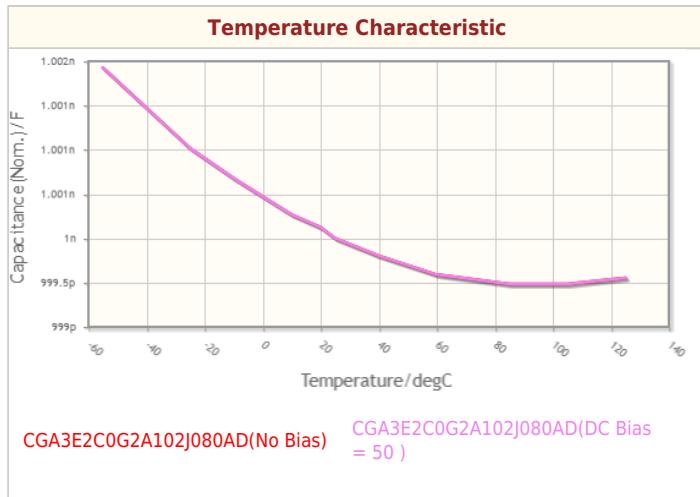
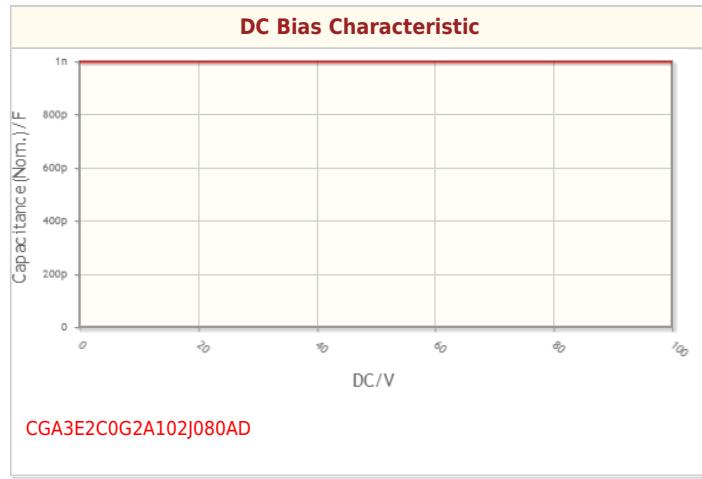
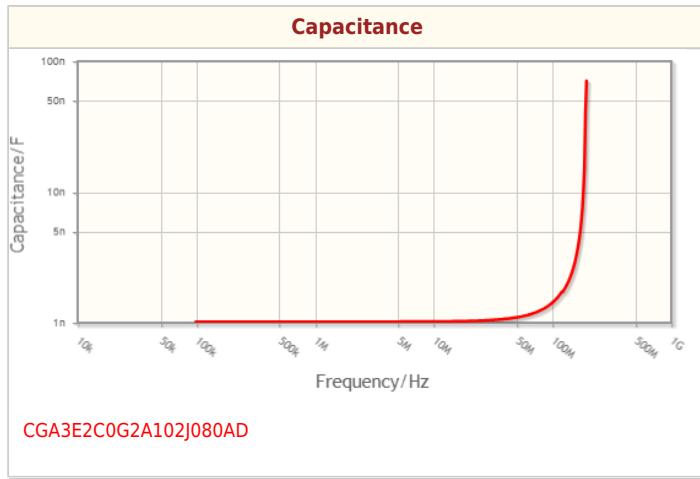
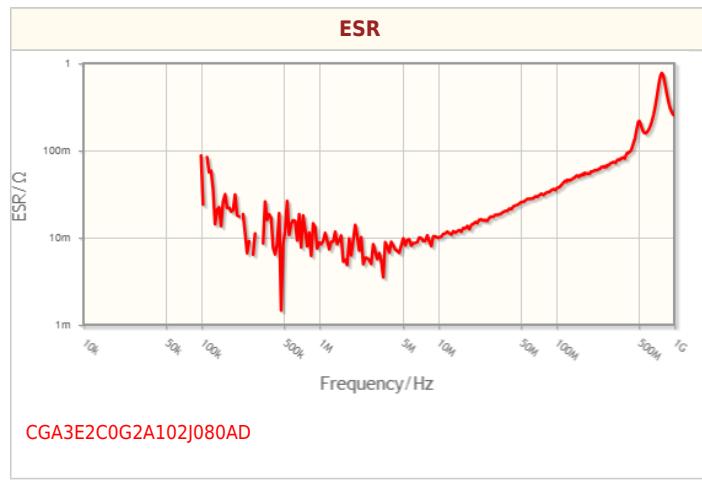
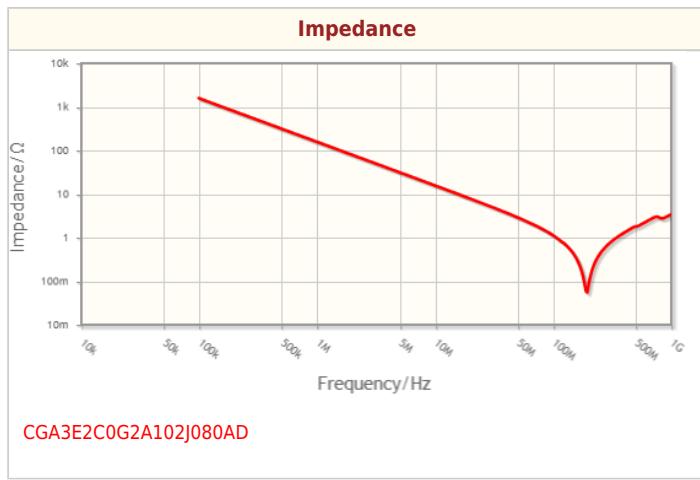
Operating Temp. Range	-55 to 125 $^{\circ}$ C
Soldering Method	Conductive Epoxy
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

! 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.)



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