

TDK item description CGA3E2C0G2A102J***B

Applications Automotive Grade

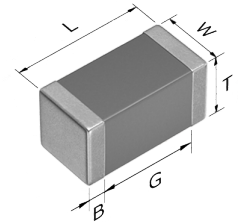
Feature AEC-Q200

Feature Mid Voltage (100 to 630V)

Feature Conductive Epoxy Application

Series CGA3(1608) [EIA 0603]

Status Production



Size

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

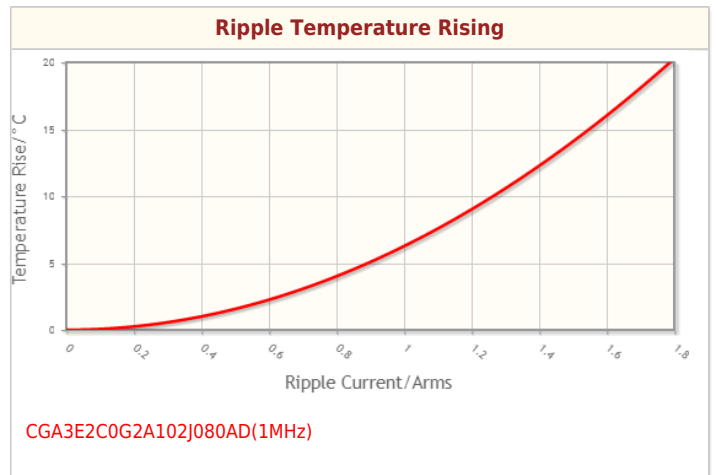
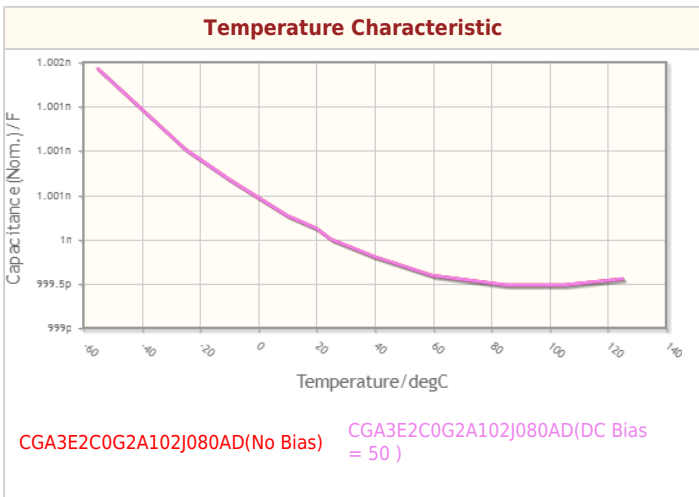
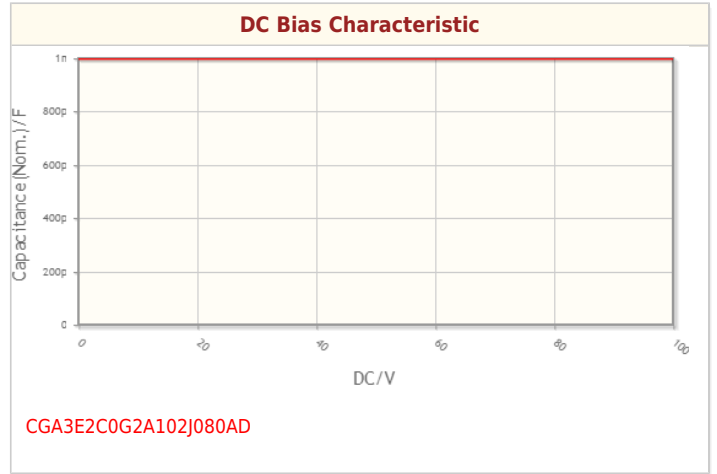
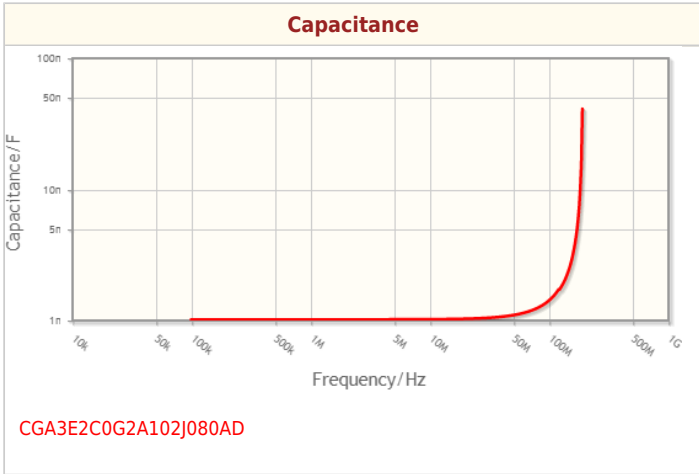
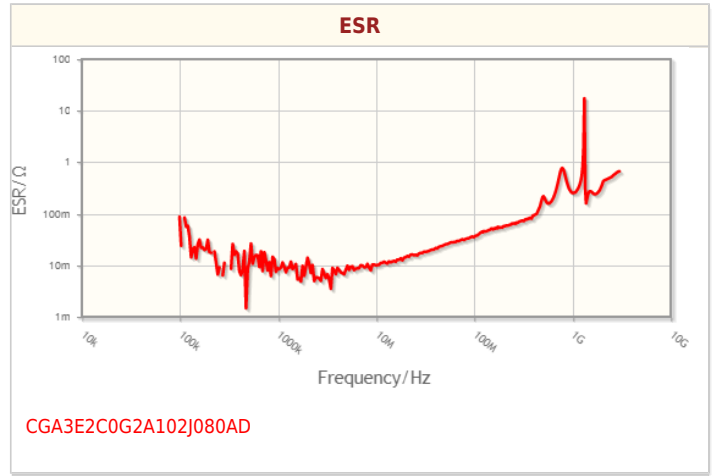
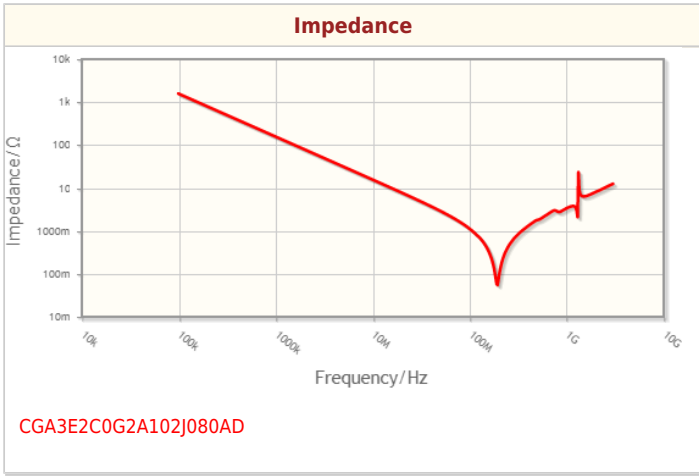
Electrical Characteristics

Capacitance	1nF ±5%
Rated Voltage	100VDC
Temperature Characteristic	COG(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

Other

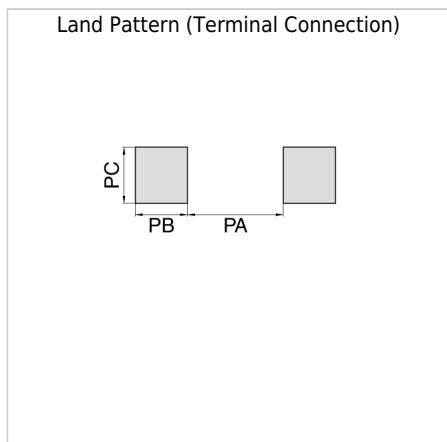
Soldering Method	Conductive Epoxy
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

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



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Associated Images



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