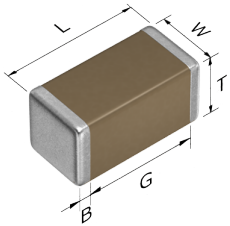


Product Status	Production
TDK Item Description	CGA2B2X8R1H102KT****
Applications	Automotive Grade
Feature	AEC-Q200AEC-Q200 150°CHigh Temperature Application
Series	CGA2(1005) [EIA 0402]
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free

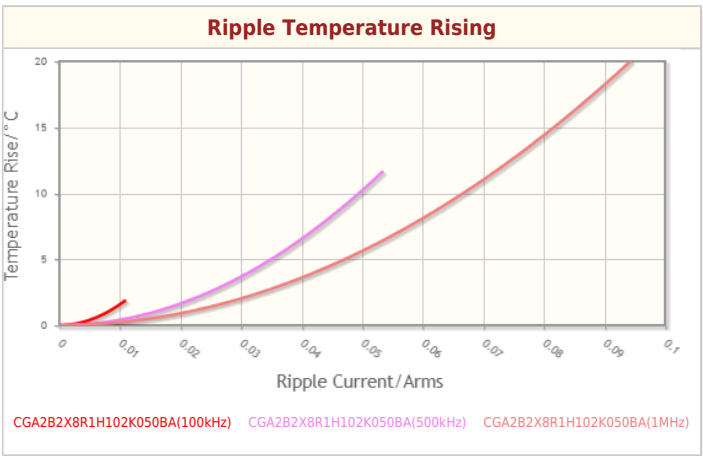
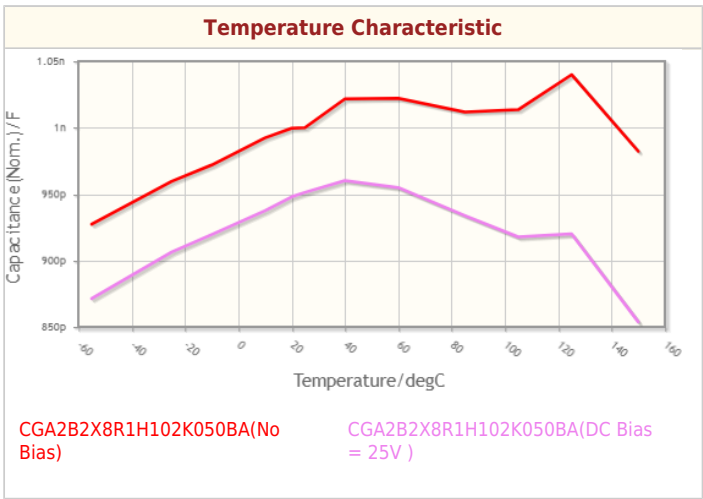
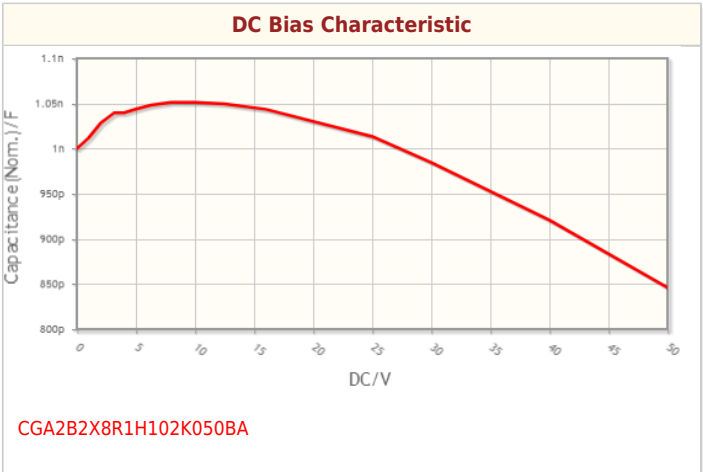
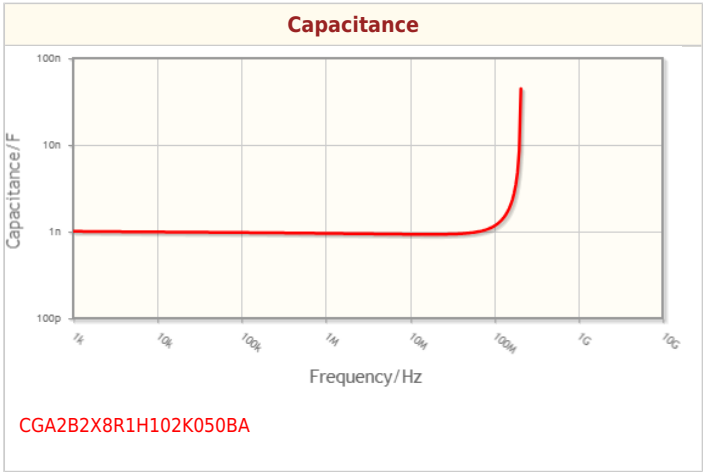
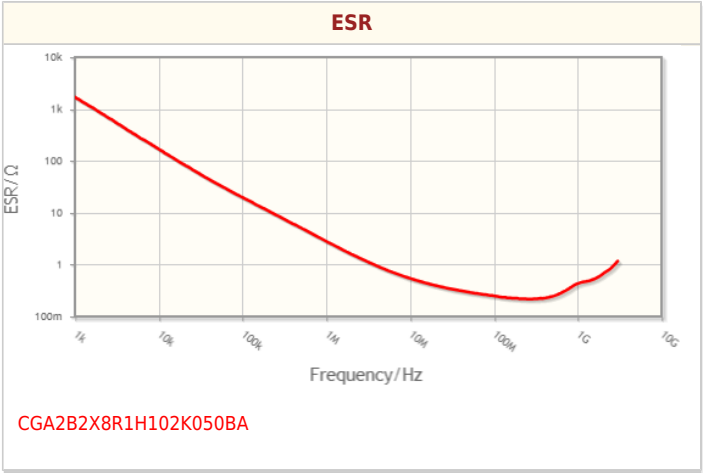
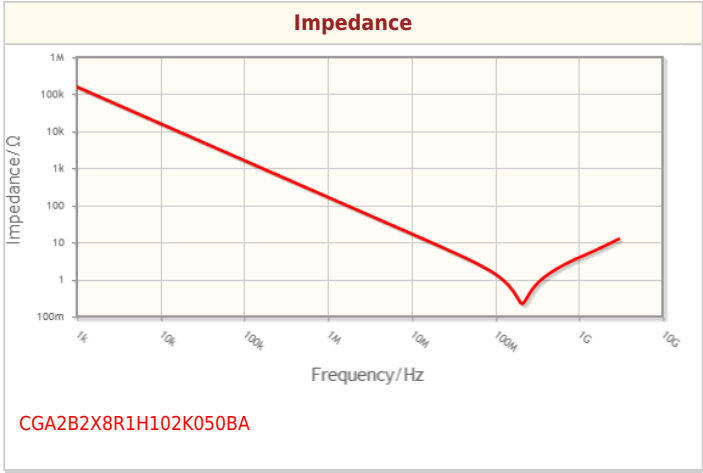


Size	
Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness(T)	0.50mm ±0.05mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.30mm to 0.50mm
Recommended Land Pattern (PB)	0.35mm to 0.45mm
Recommended Land Pattern (PC)	0.40mm to 0.60mm

Electrical Characteristics	
Capacitance	1nF ±10%
Rated Voltage	50VDC
Temperature Characteristic	X8R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

Other	
Operating Temp. Range	-55 to 150°C
Soldering Method	Reflow
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

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



Associated Images

