

**TDK item description** CGA2B2X8R1E103KT\*\*\*B

**Applications** Automotive Grade

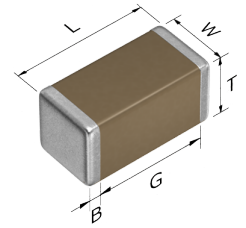
**Feature** AEC-Q200

150°C High Temperature Application

Glue Conductive Epoxy Application

**Series** CGA2(1005) [EIA 0402]

**Status** Production



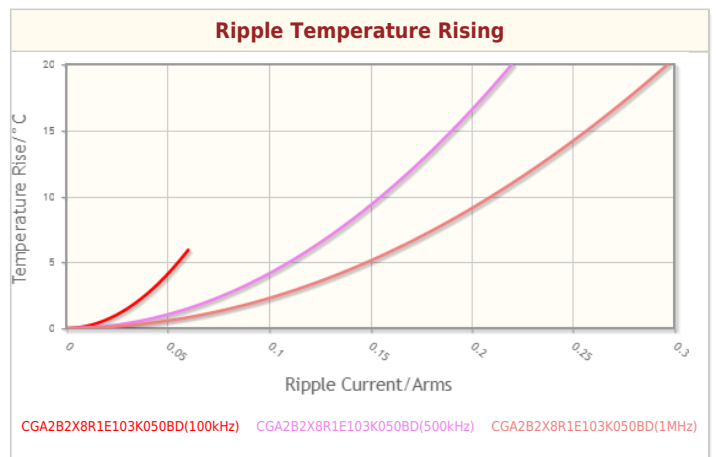
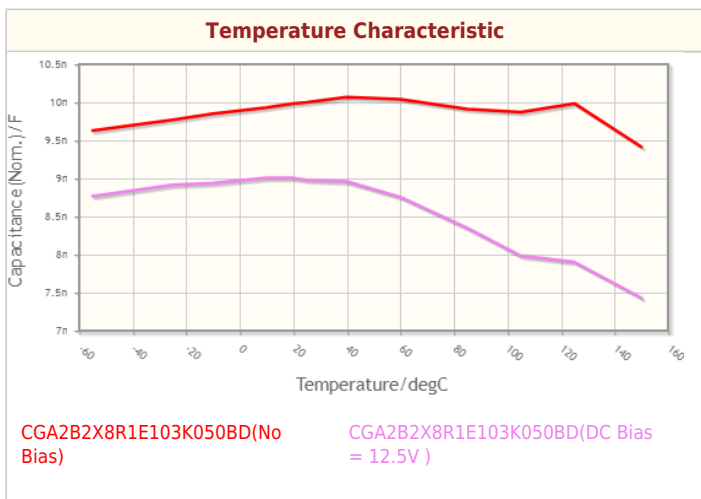
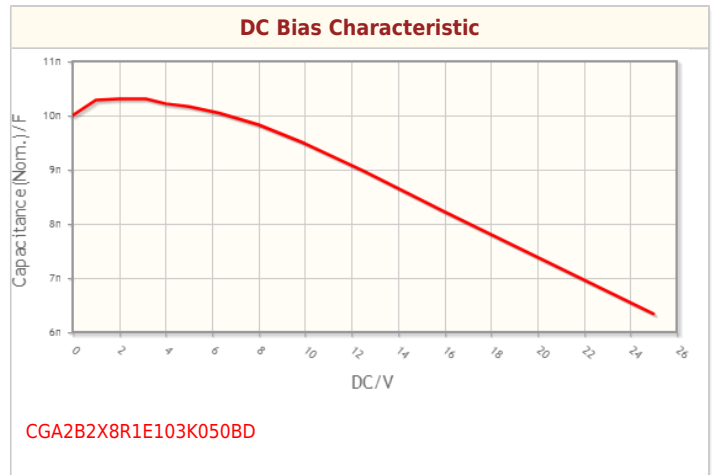
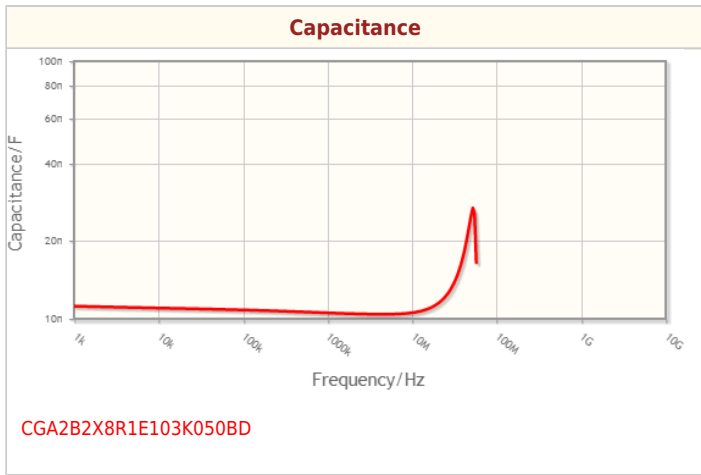
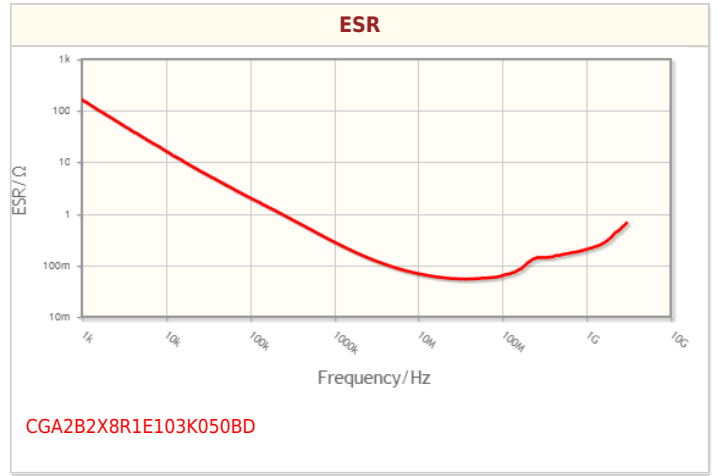
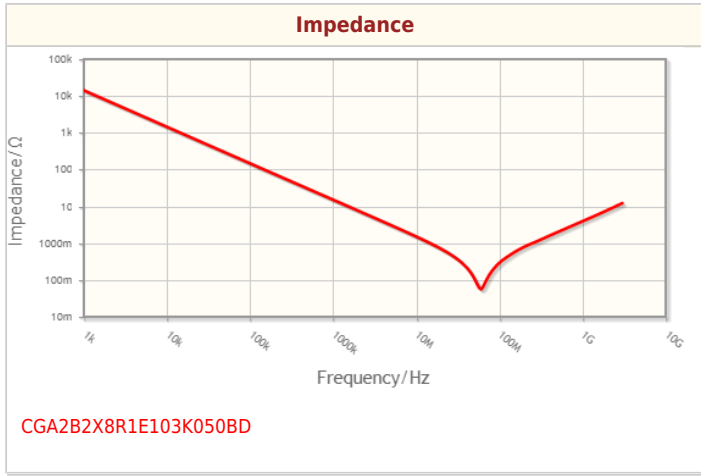
Size	
Length(L)	1.00mm ±0.15mm
Width(W)	0.50mm ±0.10mm
Thickness(T)	0.50mm ±0.10mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.30mm to 0.50mm
Recommended Land Pattern (PB)	0.35mm to 0.45mm
Recommended Land Pattern (PC)	0.40mm to 0.60mm

Electrical Characteristics	
Capacitance	10nF ±10%
Rated Voltage	25VDC
Temperature Characteristic	X8R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

Other	
Soldering Method	Conductive Epoxy
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

! Images are for reference only and show exemplary products.  
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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

