

Product Status

Production

TDK Item Description

CGA2B2X8R1H102KT***B

Applications

Automotive Grade

AEC-Q200

Feature

150°C High Temperature Application

GlueConductive Epoxy Application

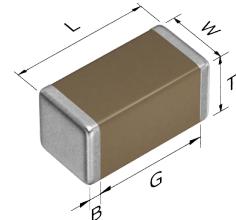
Series

CGA2(1005) [EIA 0402]

Brand

TDK

Environmental Compliance



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)

Recommended Land Pattern (PB)

Recommended Land Pattern (PC)

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 Conductive Epoxy

AEC-Q200 YES

Packing Punched (Paper)Taping [180mm Reel]

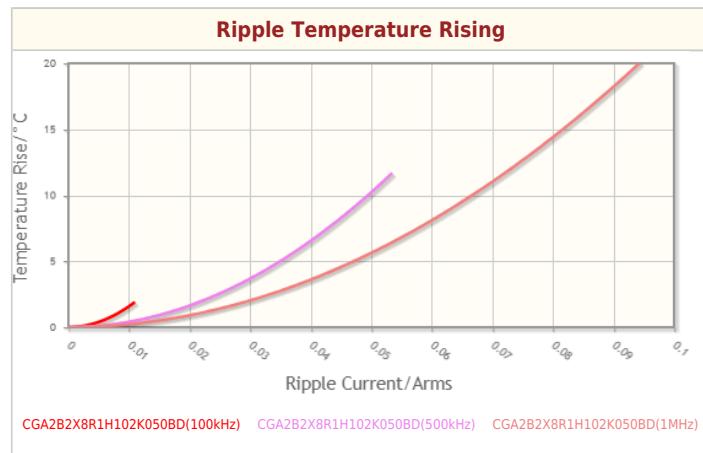
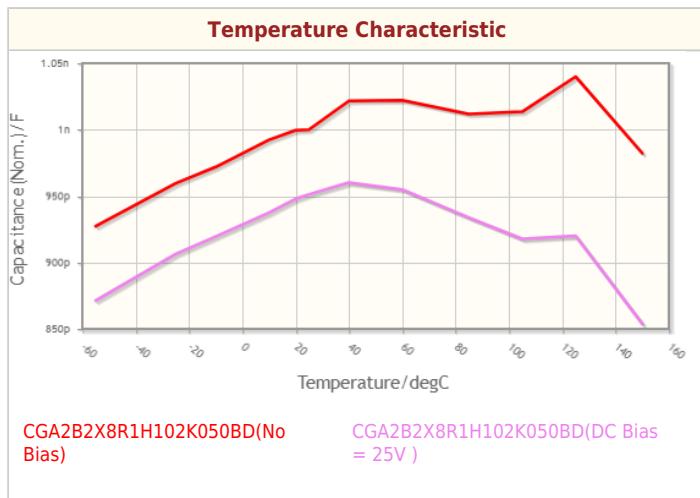
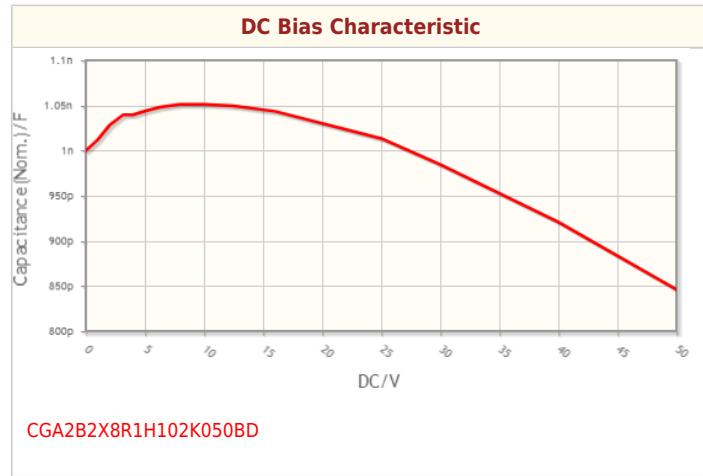
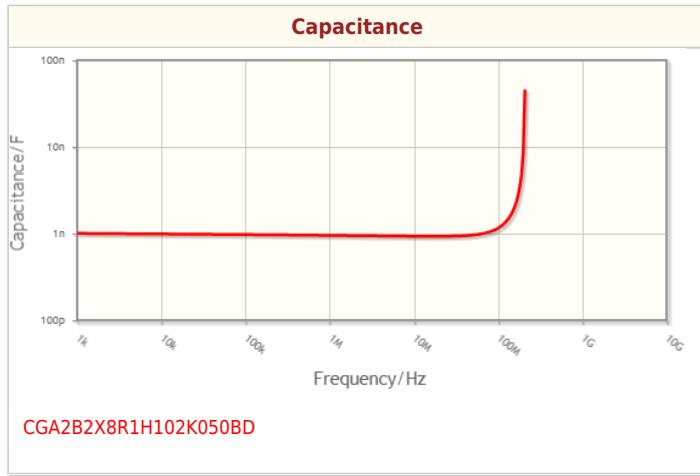
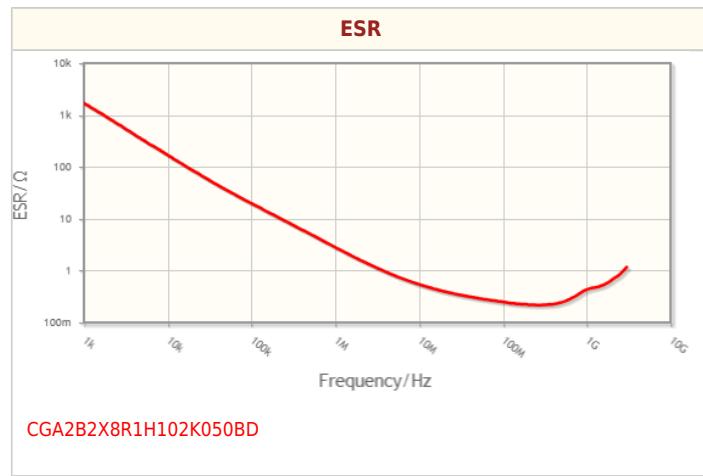
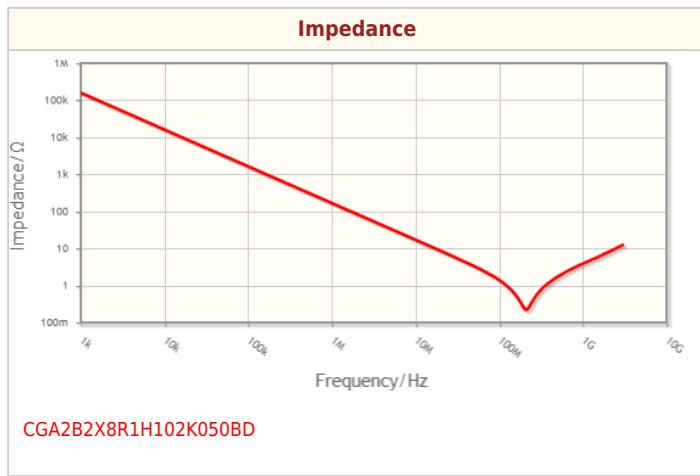
Package Quantity 10000pcs

! 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.)



! 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.