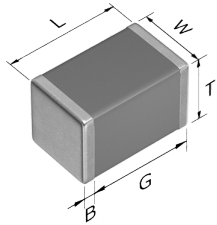


Product Status	Production
TDK Item Description	CGA4C4NP02W102JT****
Applications	Automotive Grade
Feature	AEC-Q200AEC-Q200 MidMid Voltage (100 to 630V) 150°CHigh Temperature Application
Series	CGA4(2012) [EIA 0805]
Status	 Production
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness(T)	0.60mm ±0.15mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.50mm Min.
Recommended Land Pattern (PA)	1.00mm to 1.30mm(Flow Soldering) 0.90mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.00mm to 1.20mm(Flow Soldering) 0.70mm to 0.90mm(Reflow Soldering)
Recommended Land Pattern (PC)	0.80mm to 1.10mm(Flow Soldering) 0.90mm to 1.20mm(Reflow Soldering)

Electrical Characteristics	
Capacitance	1nF ±5%
Rated Voltage	450VDC
Temperature Characteristic	NP0(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ
Allowable Voltage	
Allowable Current	

Other	
Operating Temp. Range	-55 to 150°C
Soldering Method	Wave (Flow) Reflow
AEC-Q200	YES

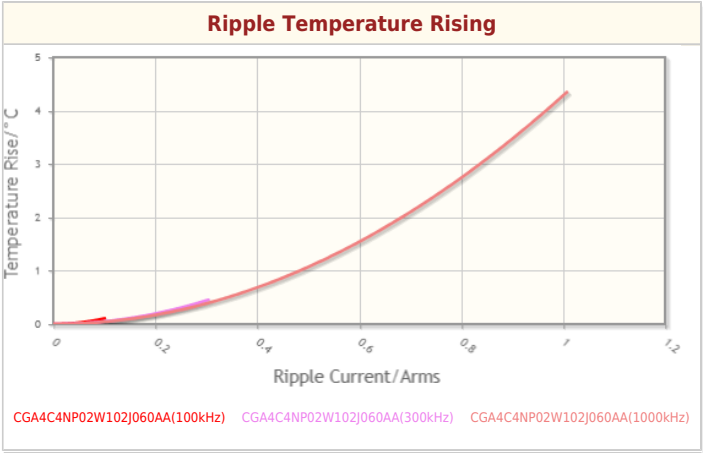
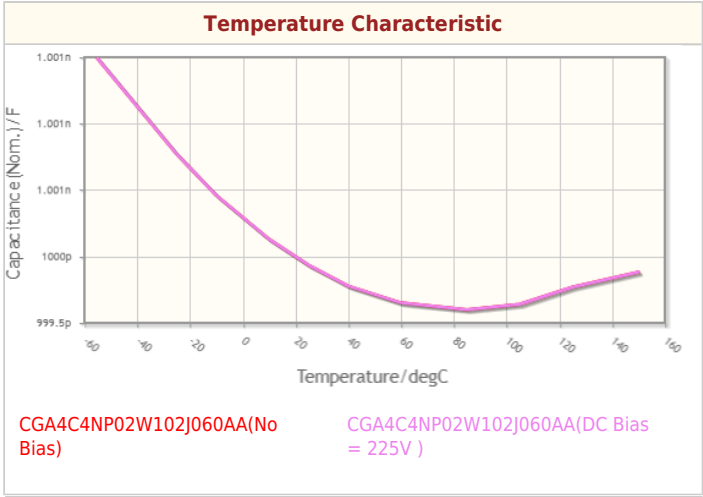
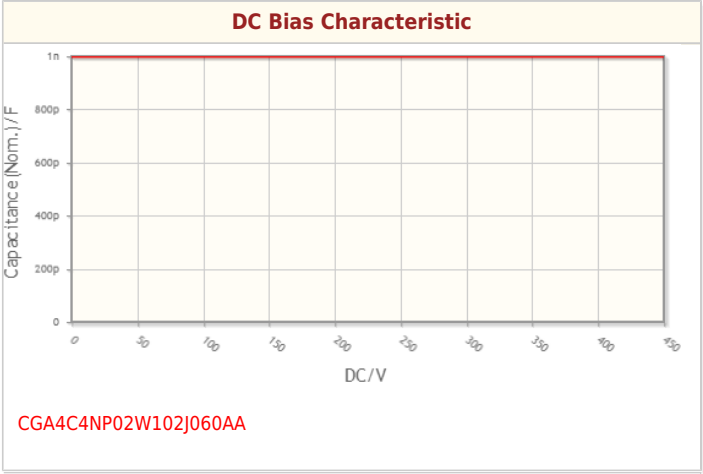
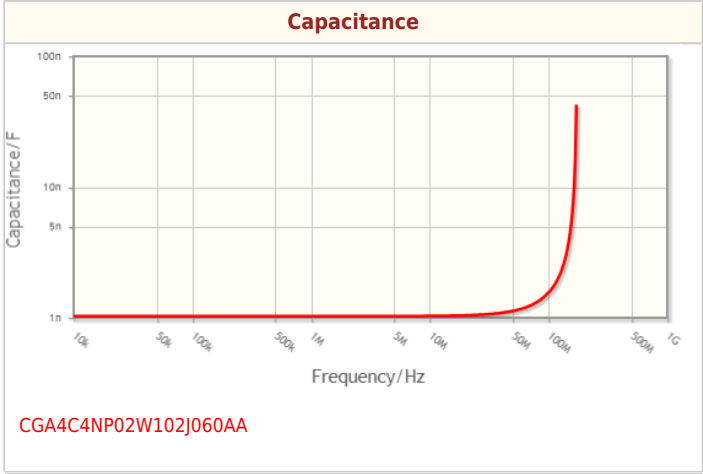
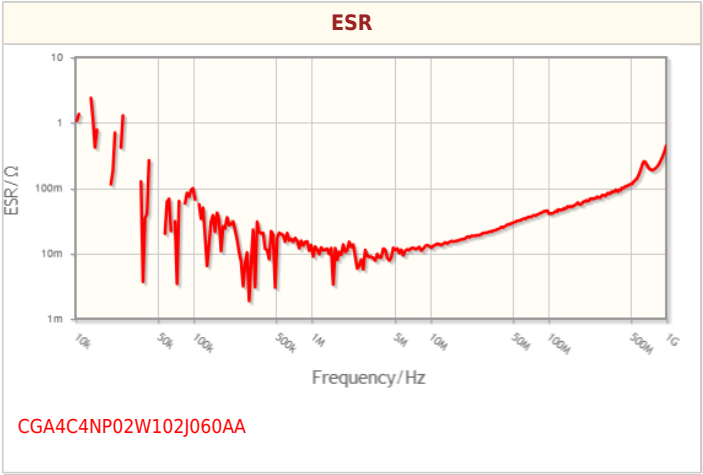
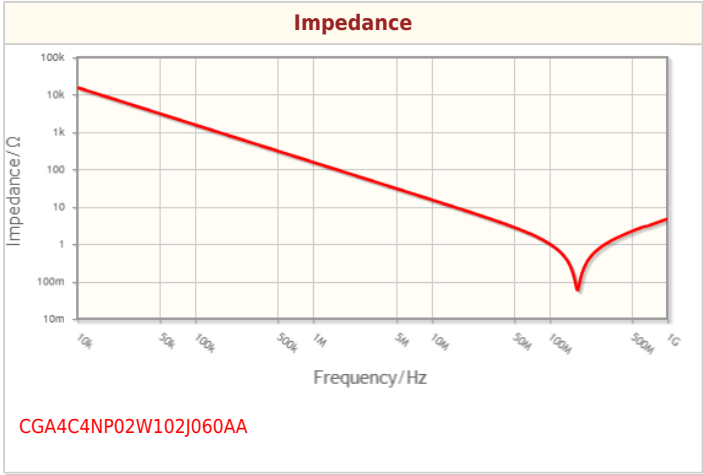
! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

Multilayer Ceramic Chip Capacitors

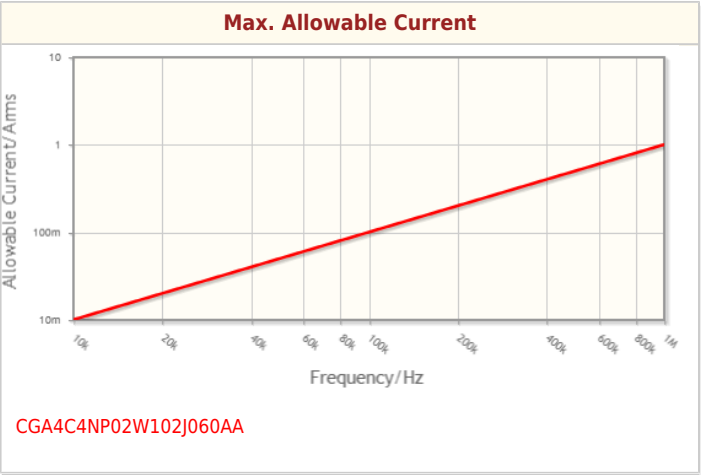
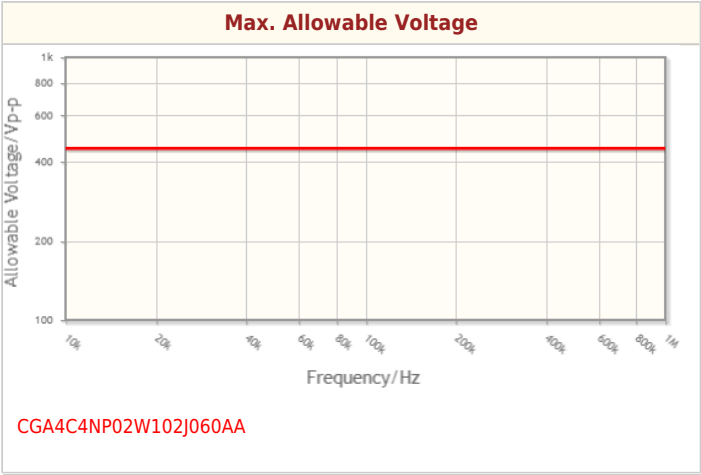
CGA4C4NP02W102J060AA

Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
FIT (Failure In Time)	 This will be displayed when you login to myTDK

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



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



Associated Images

