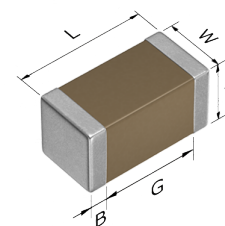


CGA3E2X8R1H103K080AD



TDK item description CGA3E2X8R1H103KT***B

Applications	Automotive Grade
Feature	<div>150°C High Temperature Application</div> <div>Glue Conductive Epoxy Application</div> <div>AEC-Q200 AEC-Q200</div>
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)

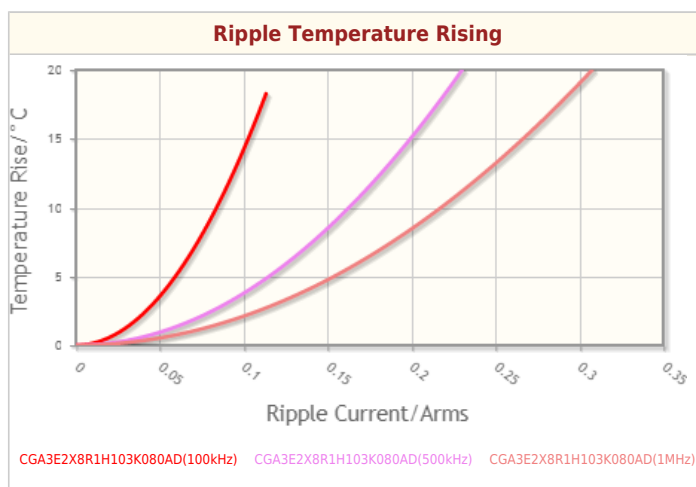
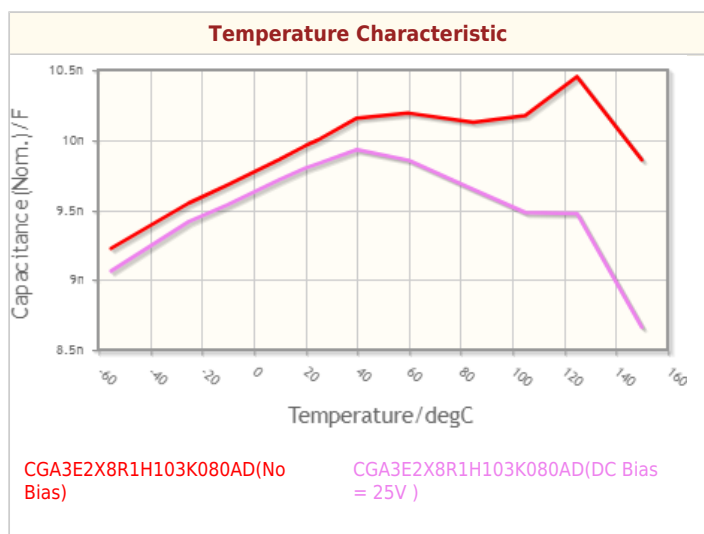
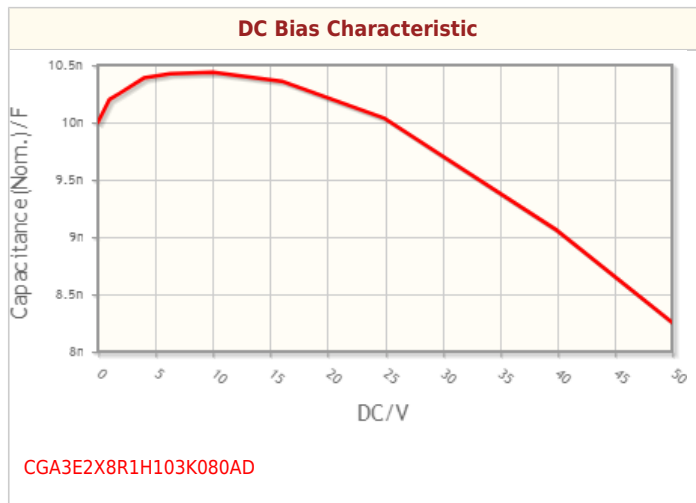
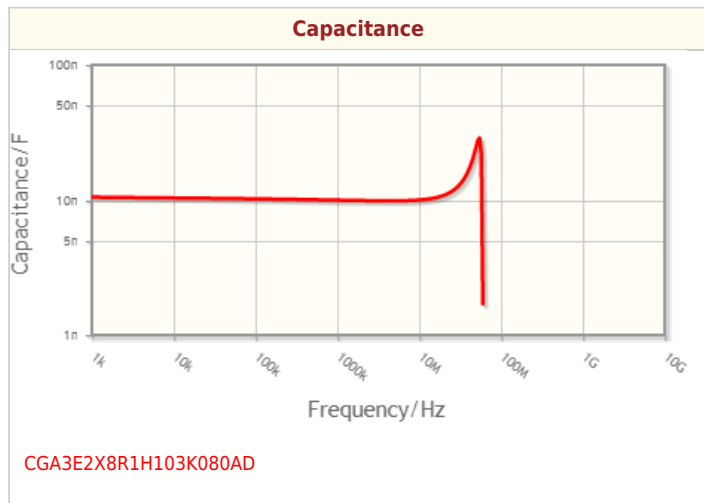
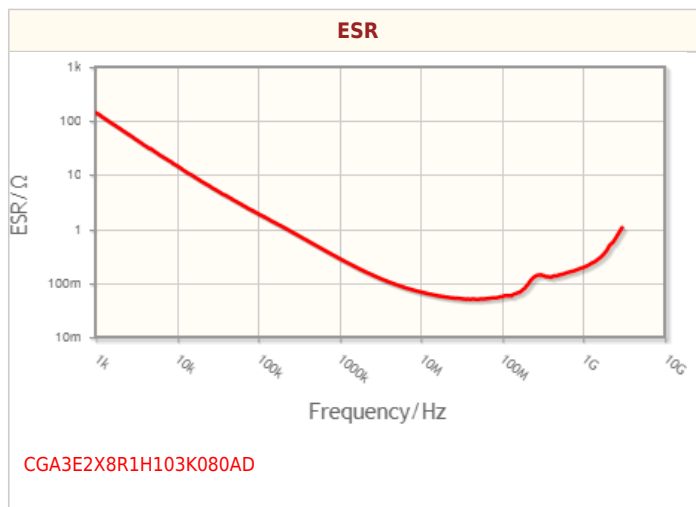
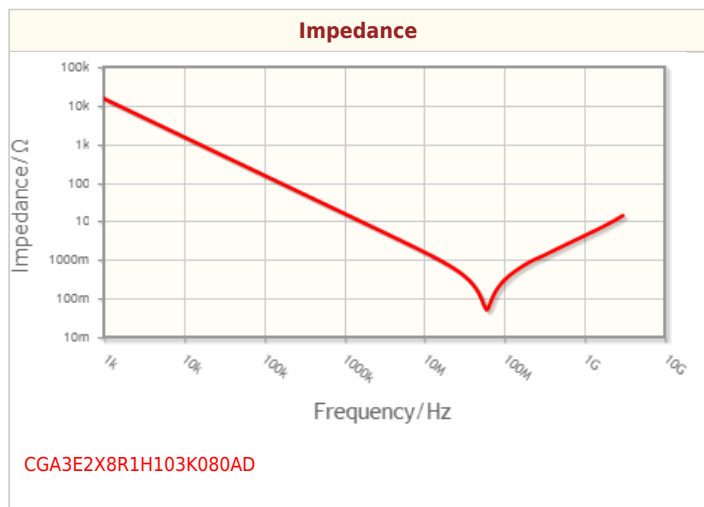
Electrical Characteristics	
Capacitance	10nF ±10%
Rated Voltage	50VDC
Temperature Characteristic	X8R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

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

CGA3E2X8R1H103K080AD

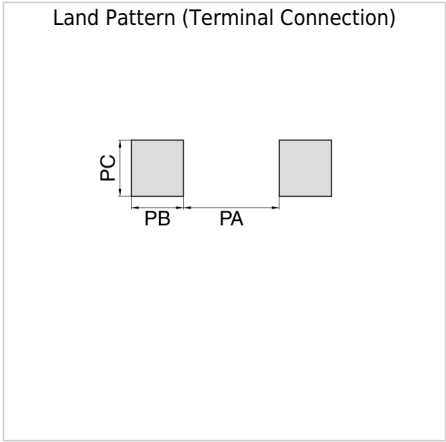


Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





Associated Images



! 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.