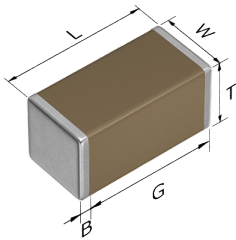


CGA5L2X8R2A154K160AA



TDK item description CGA5L2X8R2A154KT****

Applications	Automotive Grade
Feature	AEC-Q200 AEC-Q200 Mid Mid Voltage (100 to 630V) 150°C High Temperature Application
Series	CGA5(3216) [EIA 1206]
Status	Production
Brand	TDK



Size	
Length(L)	3.20mm ±0.20mm
Width(W)	1.60mm ±0.20mm
Thickness(T)	1.60mm ±0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern (PA)	2.10mm to 2.50mm(Flow Soldering) 2.00mm to 2.40mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.10mm to 1.30mm(Flow Soldering) 1.00mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PC)	1.00mm to 1.30mm(Flow Soldering) 1.10mm to 1.60mm(Reflow Soldering)

Electrical Characteristics	
Capacitance	150nF ±10%
Rated Voltage	100VDC
Temperature Characteristic	X8R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	3333MΩ

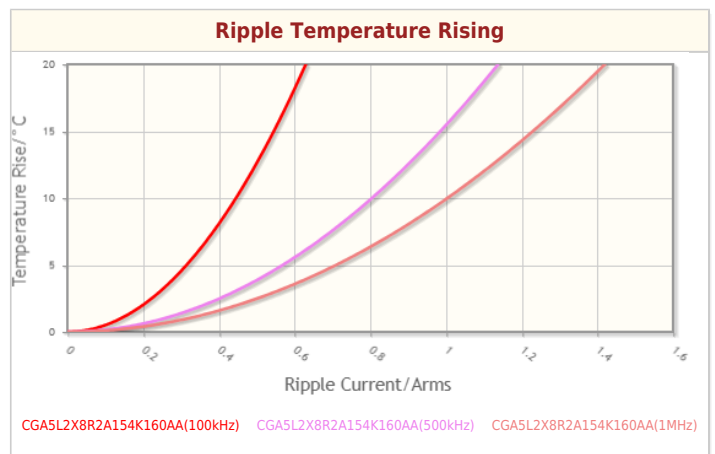
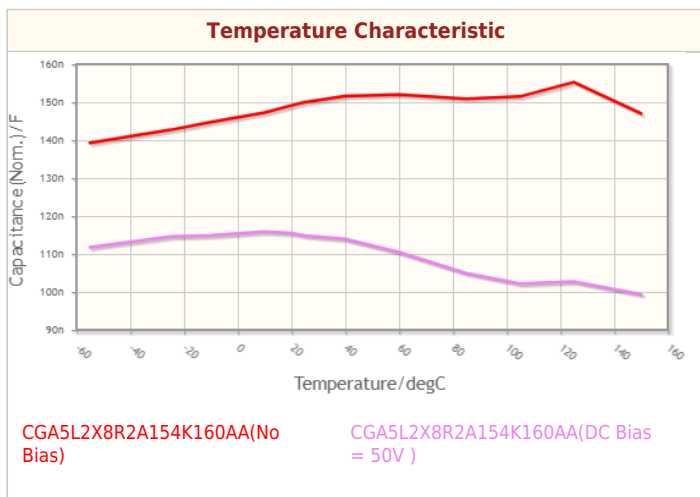
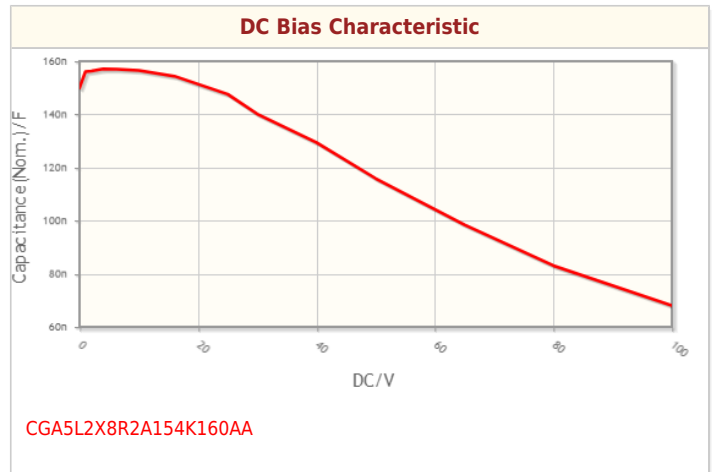
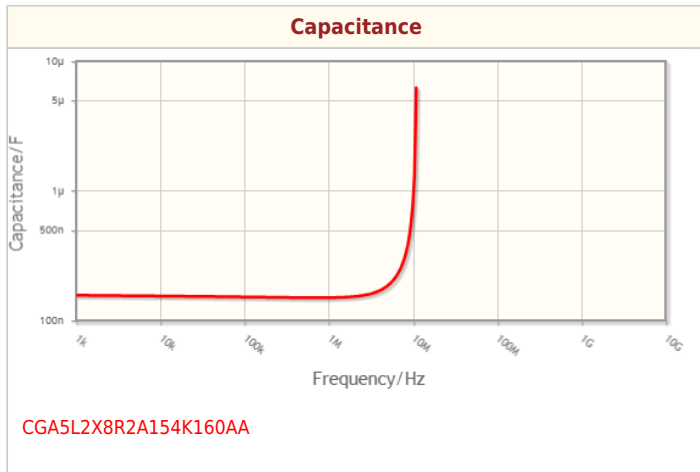
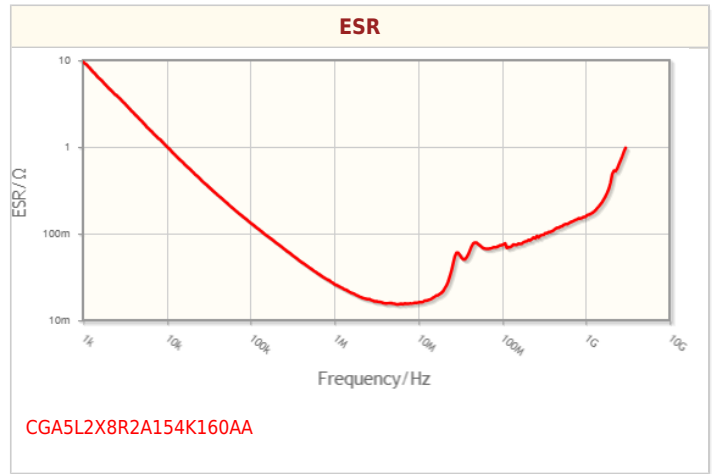
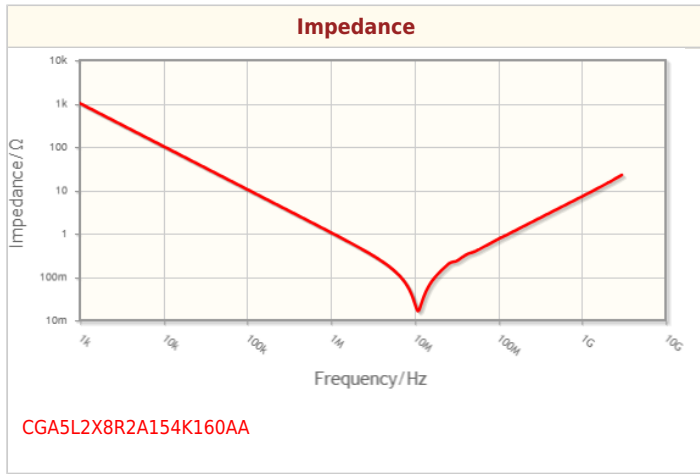
Other	
Operating Temp. Range	-55 to 150°C
Soldering Method	Wave (Flow) Reflow
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

! 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.

CGA5L2X8R2A154K160AA



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





Associated Images

