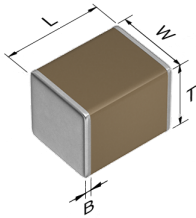


Product Status	Production
TDK Item Description	CGA6M4X7R2J683KT****
Applications	Automotive Grade
Feature	AEC-Q200AEC-Q200 MidMid Voltage (100 to 630V)
Series	CGA6(3225) [EIA 1210]
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free

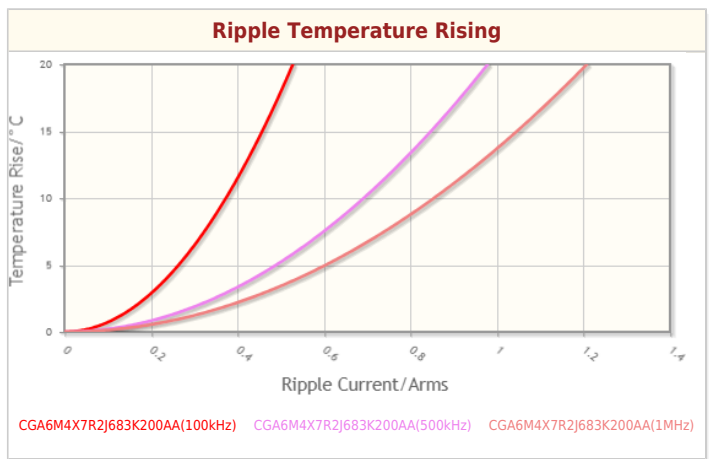
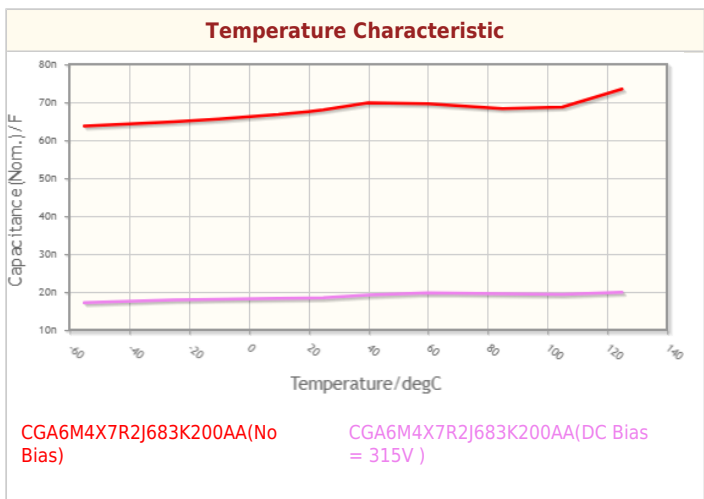
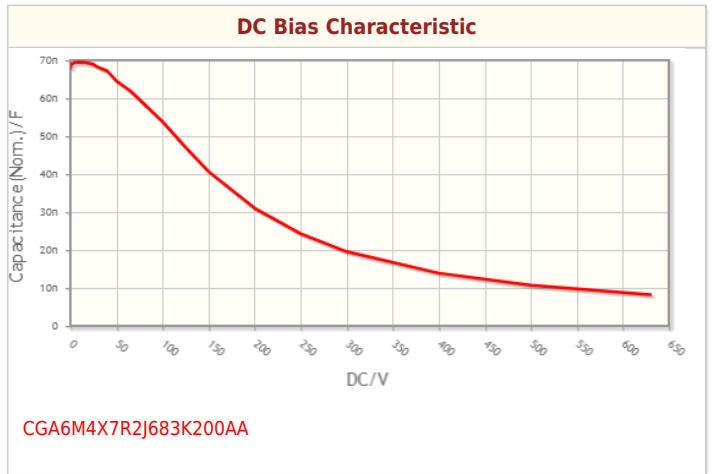
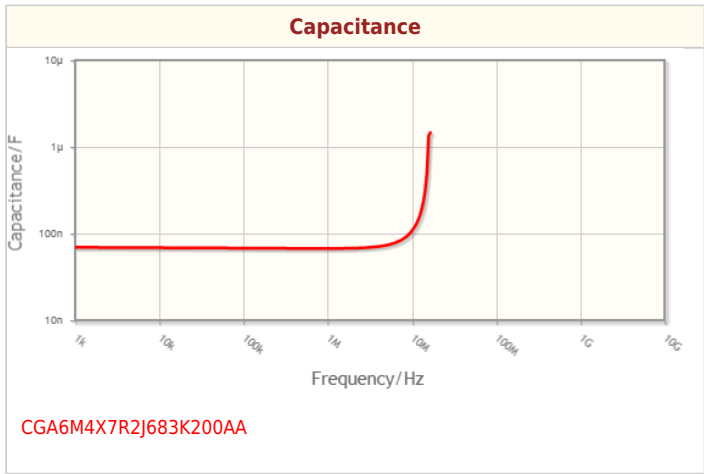
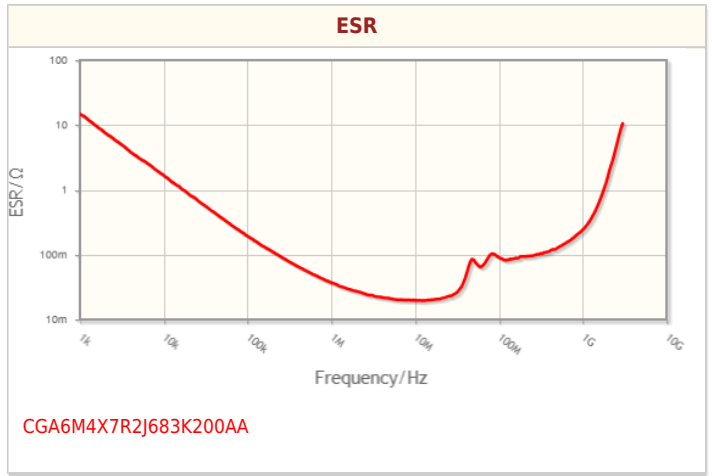
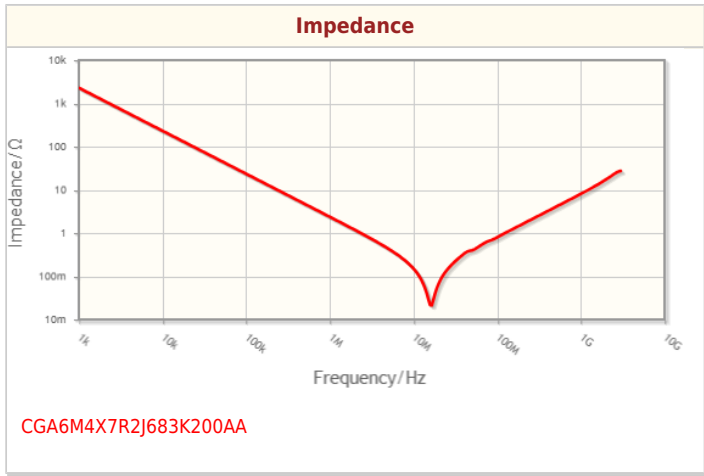


Size	
Length(L)	3.20mm ±0.40mm
Width(W)	2.50mm ±0.30mm
Thickness(T)	2.00mm ±0.20mm
Terminal Width(B)	0.20mm Min.
Recommended Land Pattern (PA)	2.00mm to 2.40mm
Recommended Land Pattern (PB)	1.00mm to 1.20mm
Recommended Land Pattern (PC)	1.90mm to 2.50mm

Electrical Characteristics	
Capacitance	68nF ±10%
Rated Voltage	630VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	7352MΩ

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs
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.)



Associated Images

