

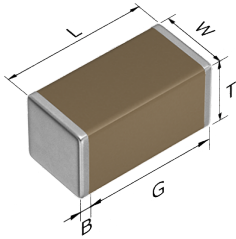


CGA5L1X7R1V685K160AC



TDK item description CGA5L1X7R1V685KT\*\*\*\*

Applications	 Automotive Grade
Feature	<div>AEC-Q200AEC-Q200</div> <div>GeneralGeneral (Up to 50V)</div>
Series	CGA5(3216) [EIA 1206]
Status	 Production
Brand	TDK



Size	
Length(L)	3.20mm +0.30,-0.10mm
Width(W)	1.60mm +0.30,-0.10mm
Thickness(T)	1.60mm +0.30,-0.10mm
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	6.8μF ±10%
Rated Voltage	35VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	73MΩ

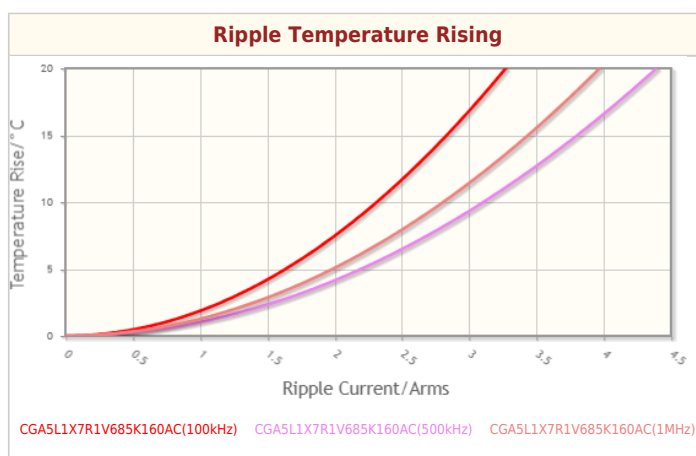
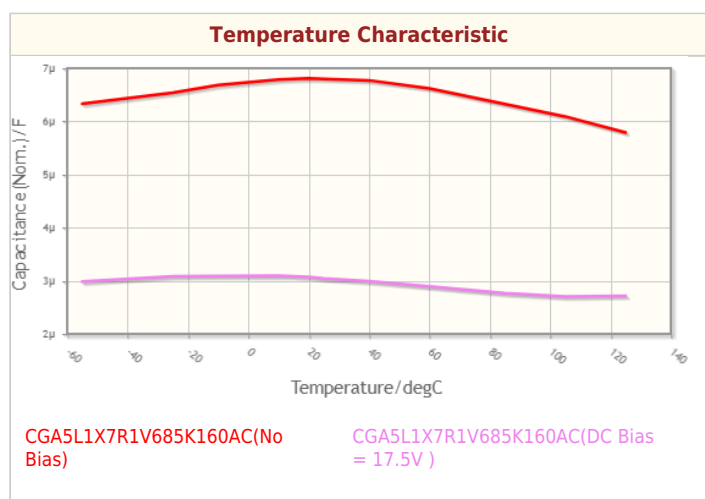
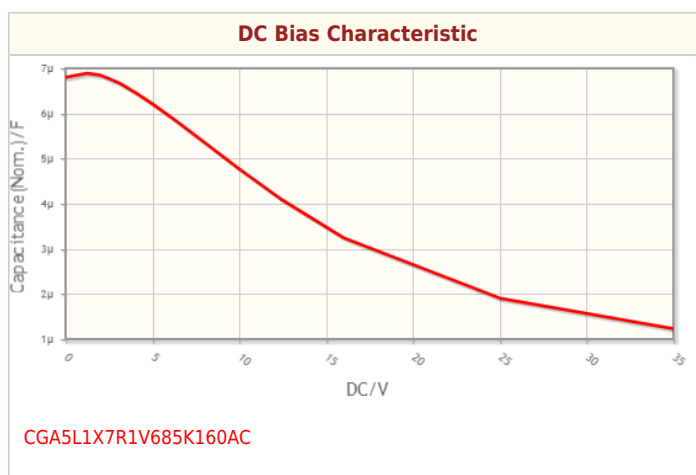
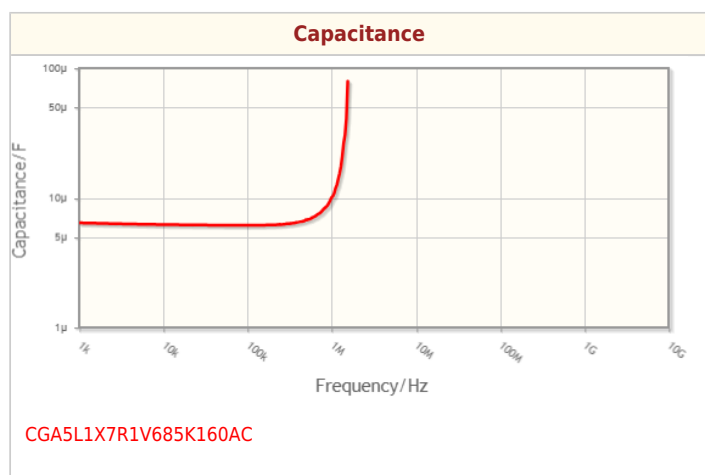
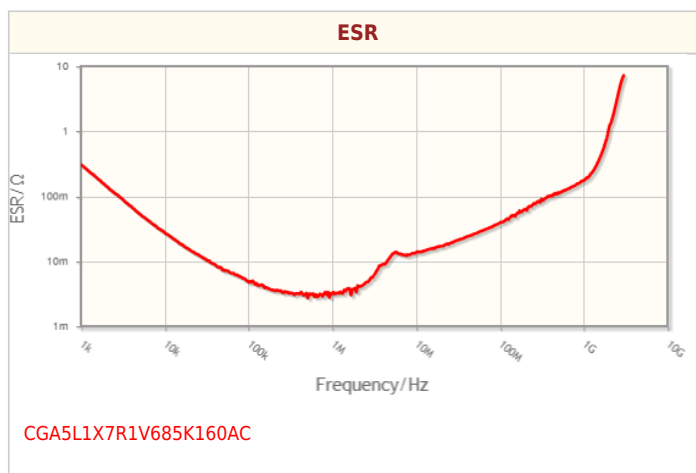
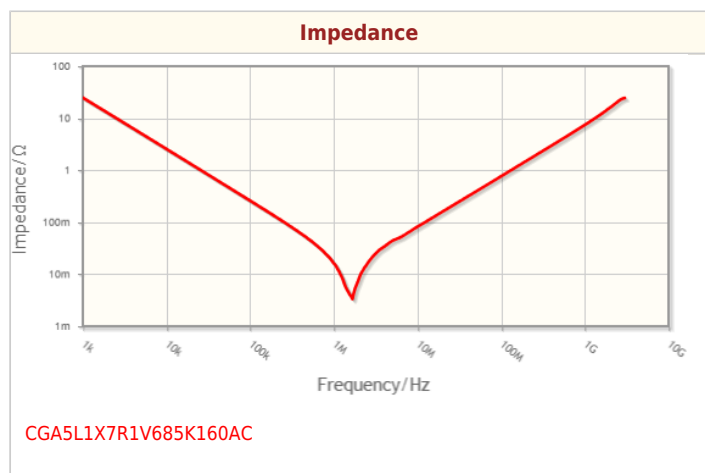
Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Wave (Flow) Reflow
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

! 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.

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





### Associated Images

