

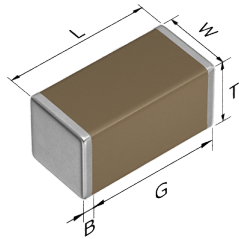


TDK item description CGA5L1X8L1H225KT\*\*\*\*

Applications	 Automotive Grade
Feature	<div><div>AEC-Q200</div>AEC-Q200</div> <div><div>150°C</div>High Temperature Application</div>
Series	CGA5(3216) [EIA 1206]
Status	 Production
Brand	TDK

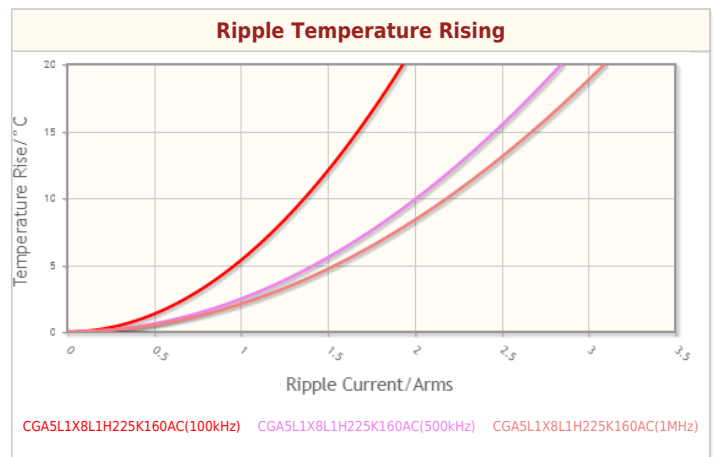
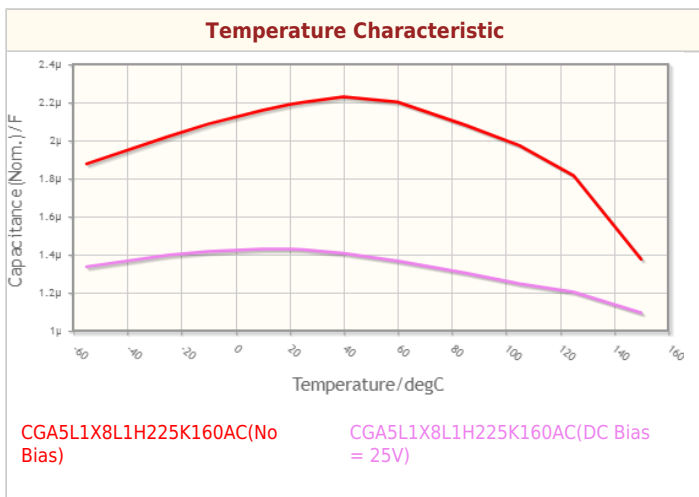
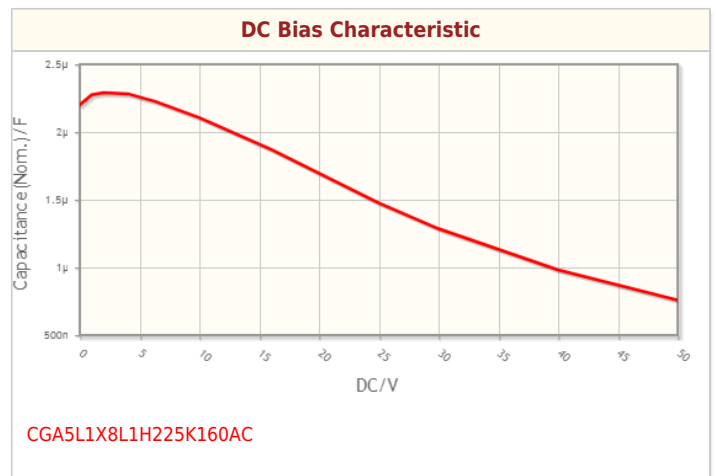
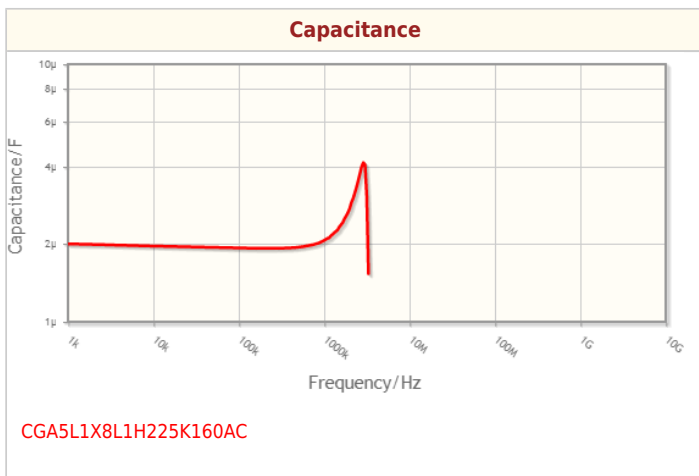
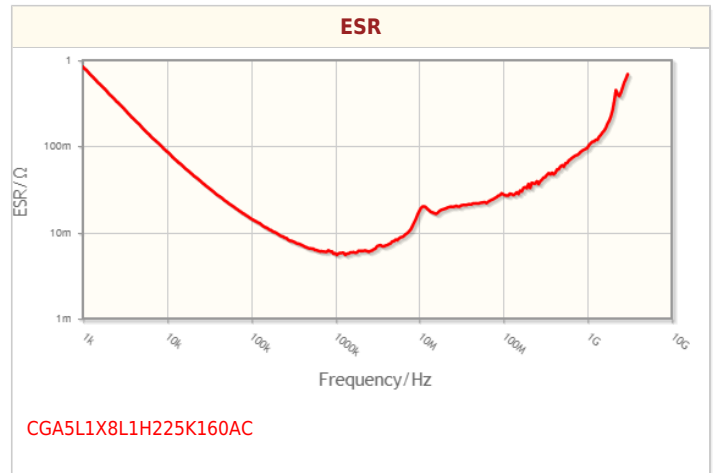
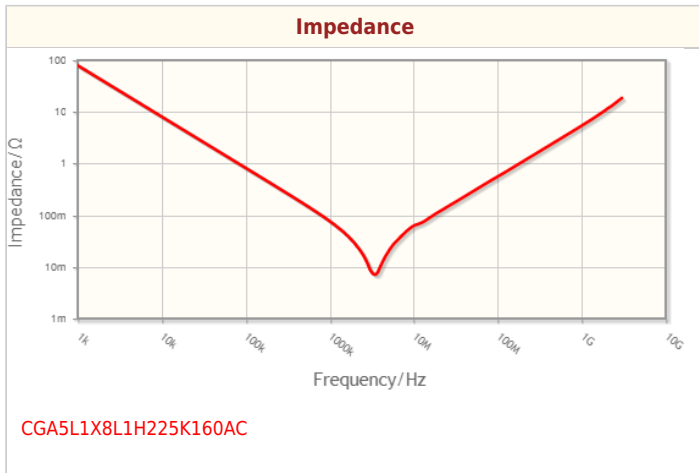


Size	
Length(L)	3.20mm ±0.20mm
Width(W)	1.60mm ±0.20mm
Thickness(T)	1.60mm ±0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern (PA)	2.10mm to 2.50mm(Flow Soldering) 2.00mm to 2.40mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.10mm to 1.30mm(Flow Soldering) 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	2.2μF ±10%
Rated Voltage	50VDC
Temperature Characteristic	X8L(+15,-40%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	227MΩ

Other	
Soldering Method	Wave (Flow) Reflow
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

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



# Associated Images

