

**TDK item description** CGA5L1X7R1E106MT\*\*\*S

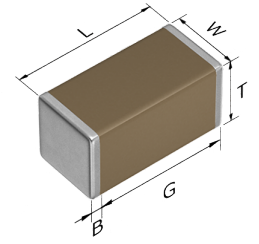
**Applications** Automotive Grade

**Feature** AEC-Q200

Soft Termination

**Series** CGA5(3216) [EIA 1206]

**Status** Production



### Size

Length(L)	3.20mm +0.40,-0.20mm
Width(W)	1.60mm +0.30,-0.20mm
Thickness(T)	1.60mm +0.30,-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

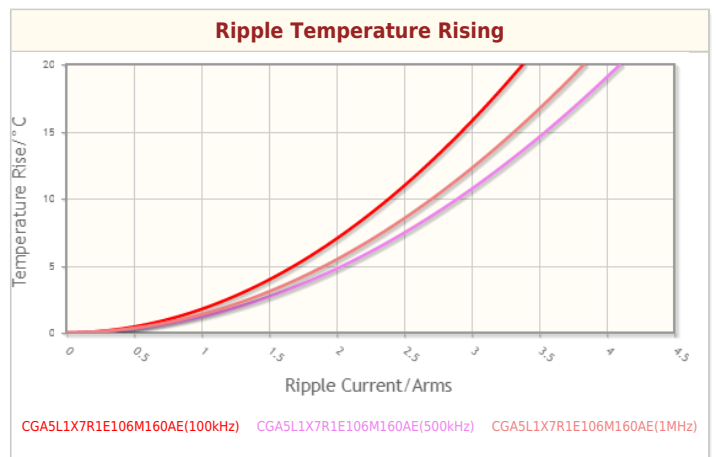
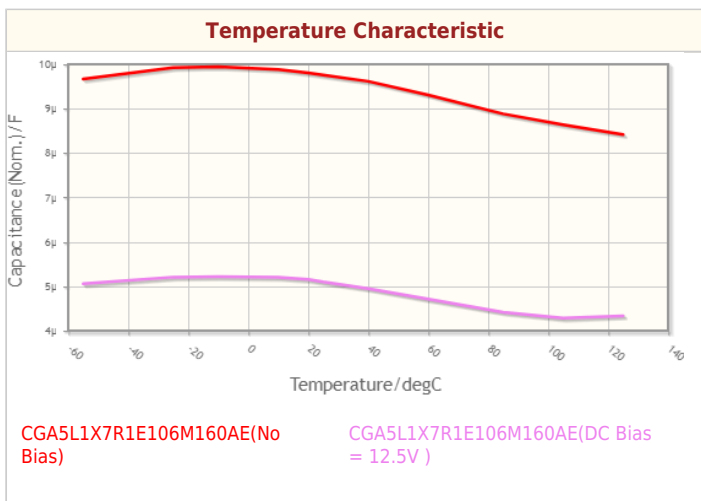
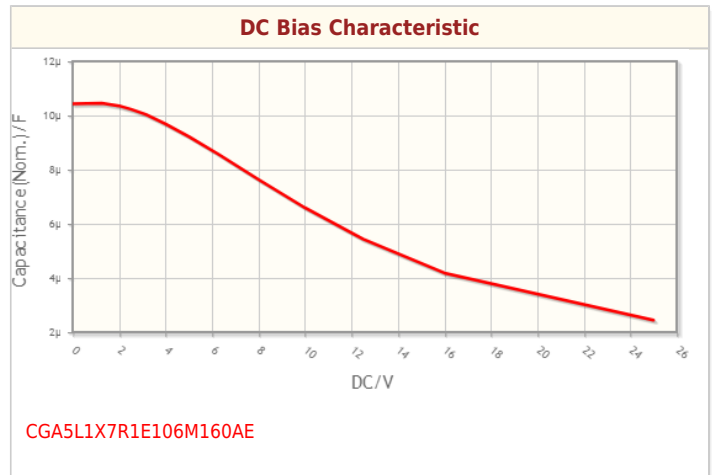
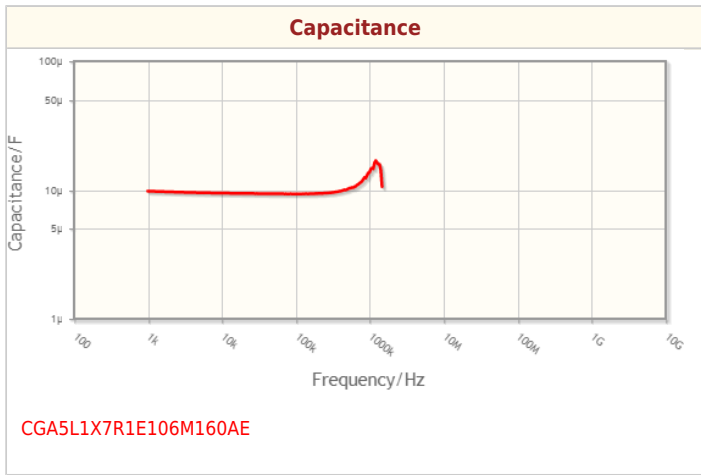
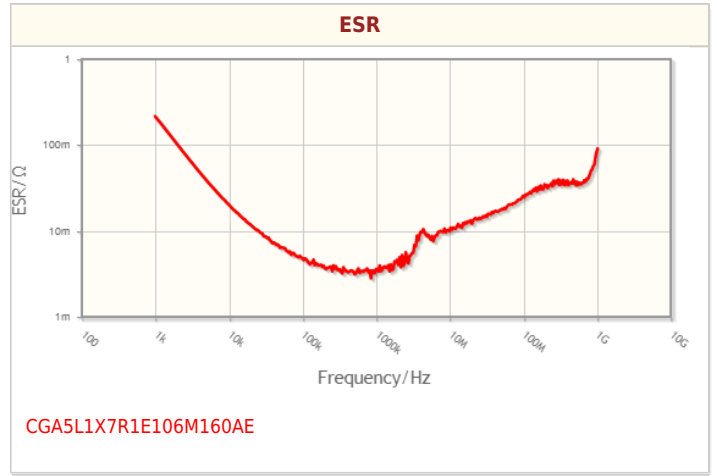
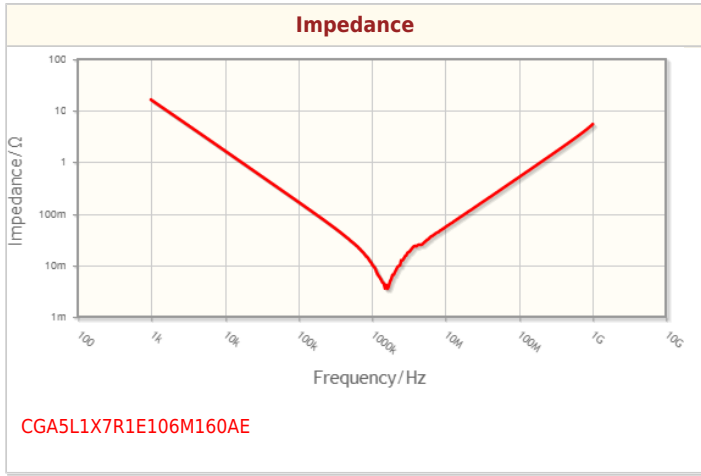
Capacitance	10 $\mu$ F $\pm$ 20%
Rated Voltage	25VDC
Temperature Characteristic	X7R( $\pm$ 15%)
Dissipation Factor (Max.)	7.5%
Insulation Resistance (Min.)	50M $\Omega$

### Other

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

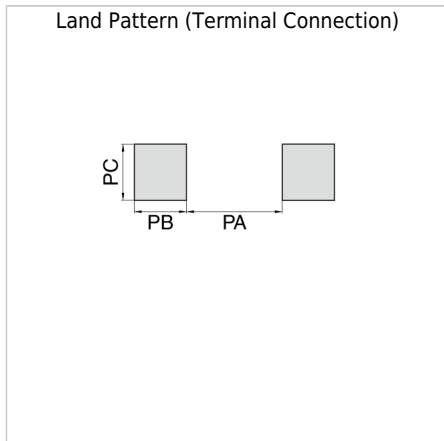
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images



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