

TDK item description C3216X7R1V106KT***S

Applications



Commercial Grade

Please refer to Part No. [CGA5L1X7R1V106K160AE](#) for Automotive use.

Feature



Soft Termination

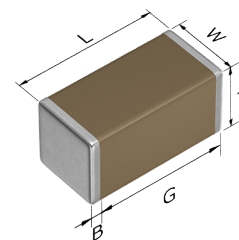
Series

C3216 [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)

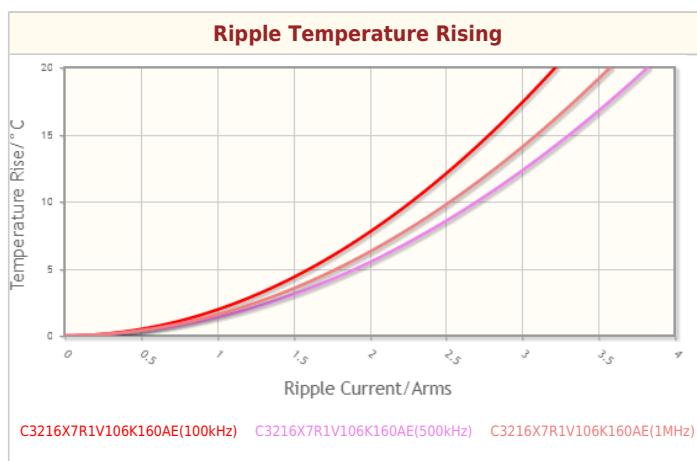
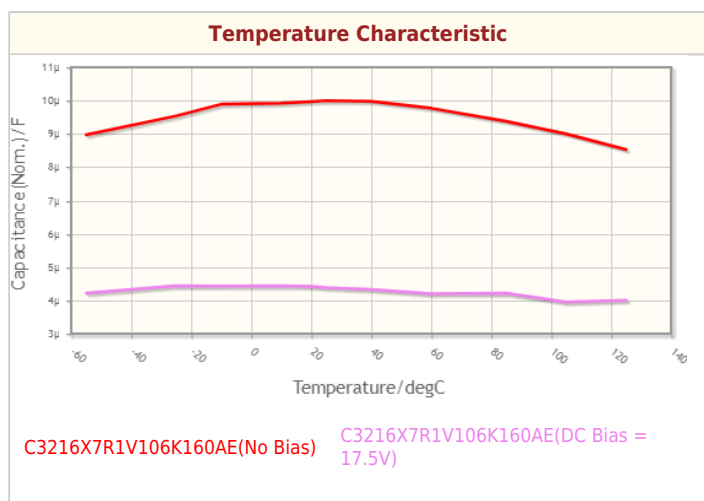
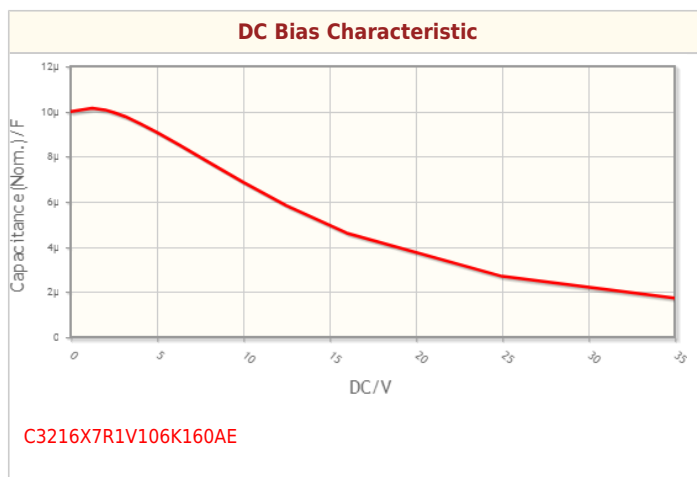
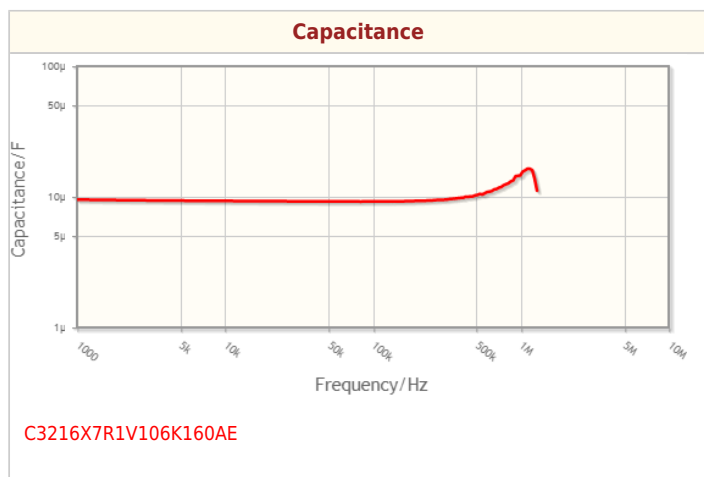
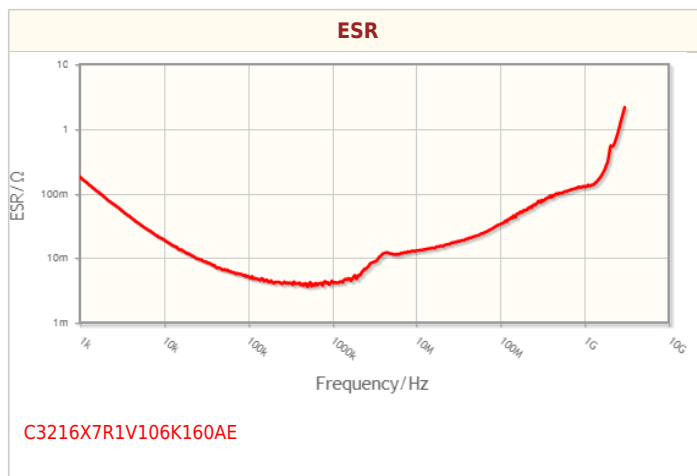
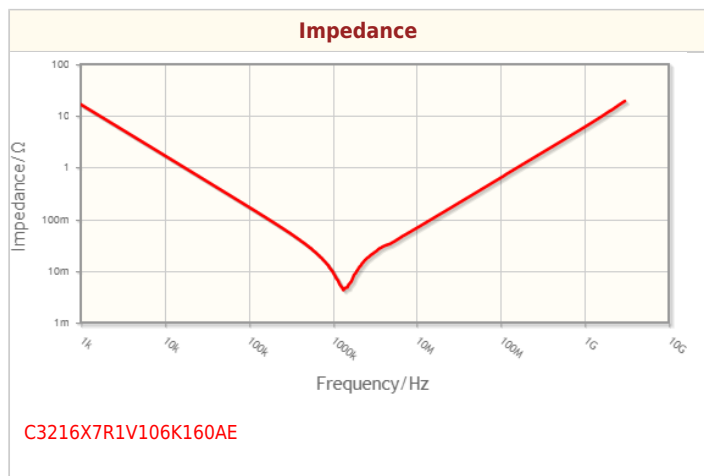
Electrical Characteristics

Capacitance	10 μ F \pm 10%
Rated Voltage	35VDC
Temperature Characteristic	X7R(\pm 15%)
Dissipation Factor (Max.)	7.5%
Insulation Resistance (Min.)	50M Ω

Other

Soldering Method	Wave (Flow) Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

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



Associated Images

