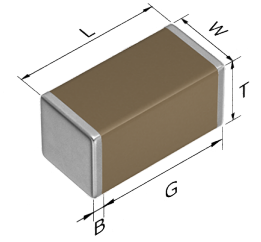


C3216X8R1H105K160AB



TDK item description C3216X8R1H105KT****

Applications	Commercial Grade Please refer to Part No. CGA5L3X8R1H105K160AB for Automotive use.
Feature	High Temperature Application
Series	C3216 [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	1µF ±10%
Rated Voltage	50VDC
Temperature Characteristic	X8R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	500MΩ

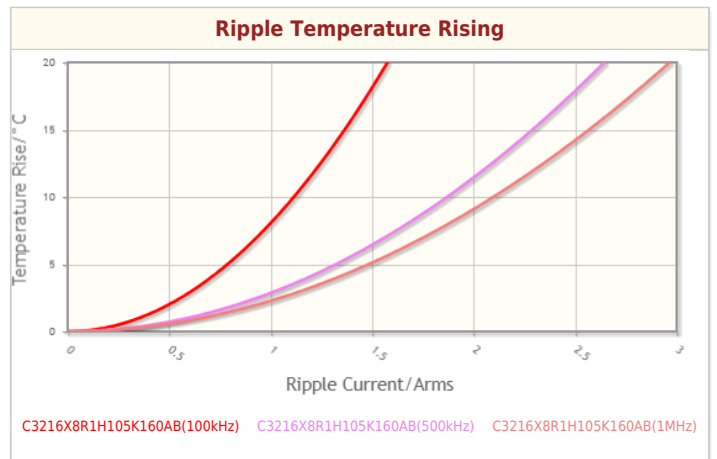
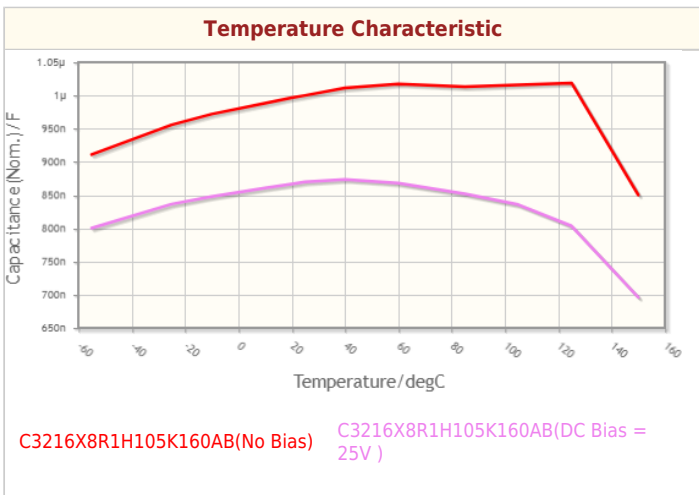
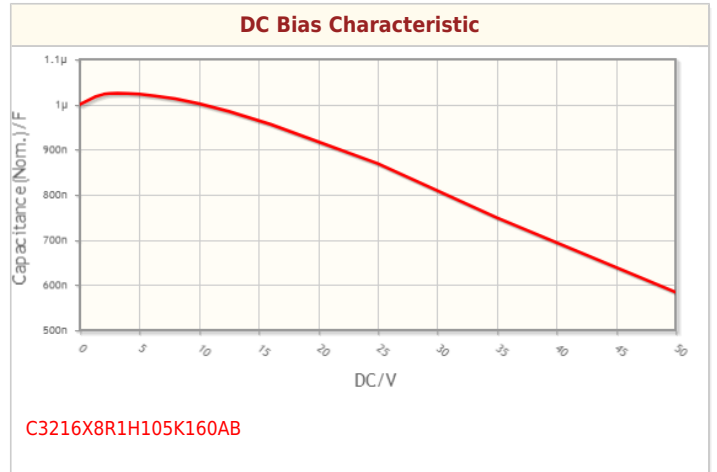
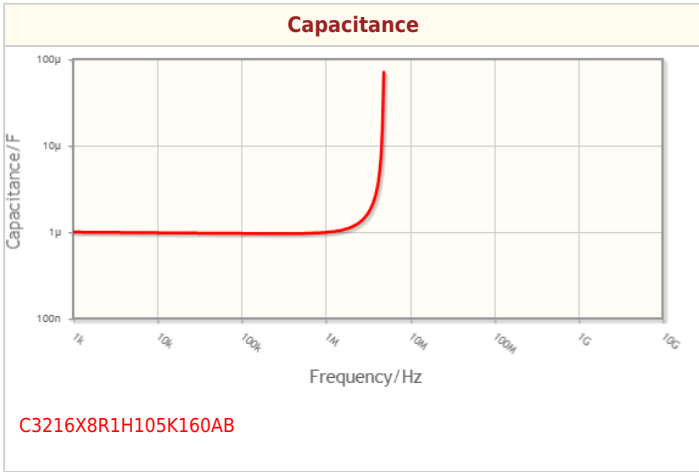
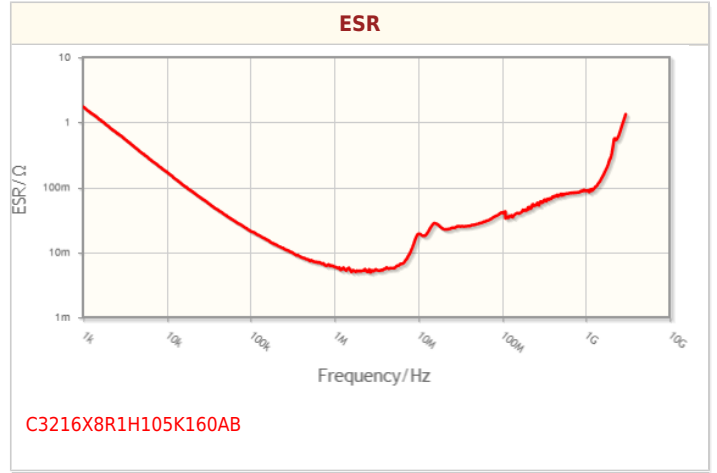
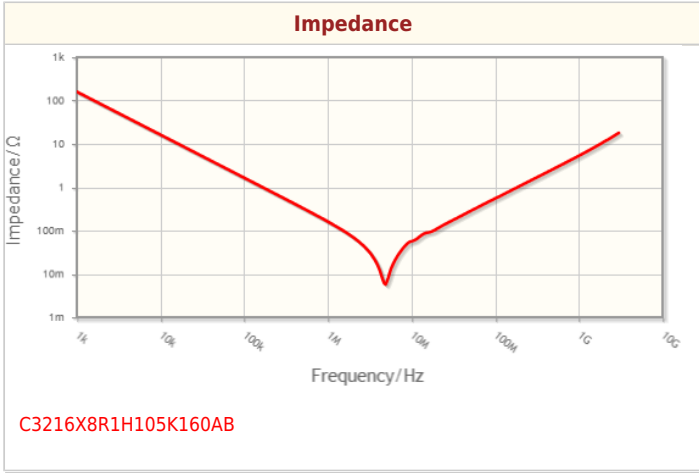
Other	
Operating Temp. Range	-55 to 150°C
Soldering Method	Wave (Flow) Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

! 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.

C3216X8R1H105K160AB



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

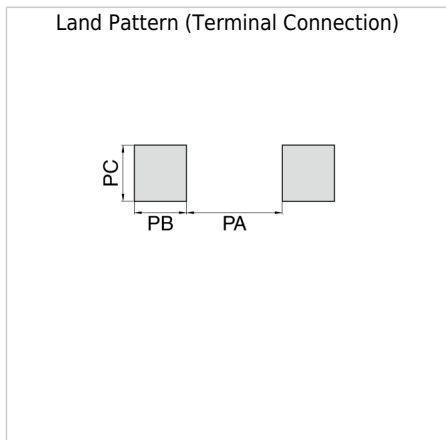


! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

C3216X8R1H105K160AB



Associated Images



! 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.