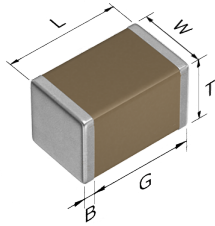


C2012X5R1V106M085AC



TDK item description	C2012X5R1V106MT****
Applications	 Commercial Grade
Feature	 General (Up to 75V)
Series	C2012 [EIA 0805]
Status	 Production (Not Recommended for New Design) Recommended Alternate Part No. : C2012X5R1V106K125AC (Interchangeability is not guaranteed.)
Brand	TDK



Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness(T)	0.85mm ±0.15mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.50mm Min.
Recommended Land Pattern (PA)	1.00mm to 1.30mm(Flow Soldering) 0.90mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.00mm to 1.20mm(Flow Soldering) 0.70mm to 0.90mm(Reflow Soldering)
Recommended Land Pattern (PC)	0.80mm to 1.10mm(Flow Soldering) 0.90mm to 1.20mm(Reflow Soldering)

Electrical Characteristics	
Capacitance	10μF ±20%
Rated Voltage	35VDC
Temperature Characteristic	X5R(±15%)
Dissipation Factor (Max.)	10%
Insulation Resistance (Min.)	50MΩ

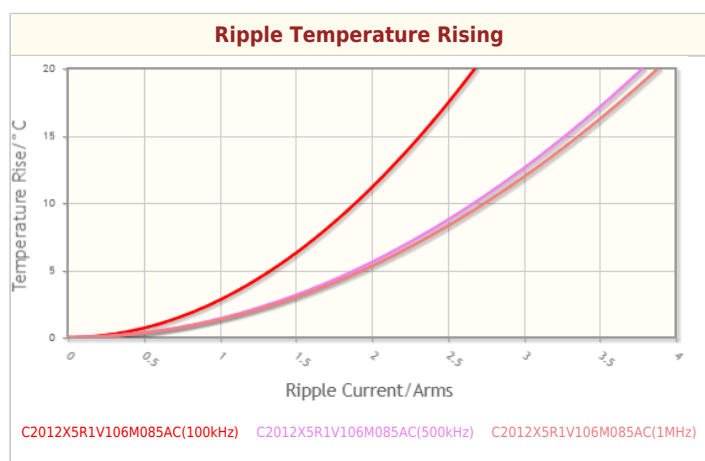
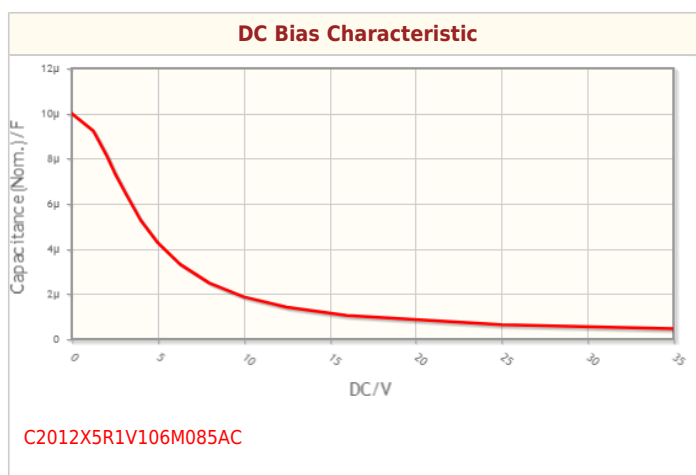
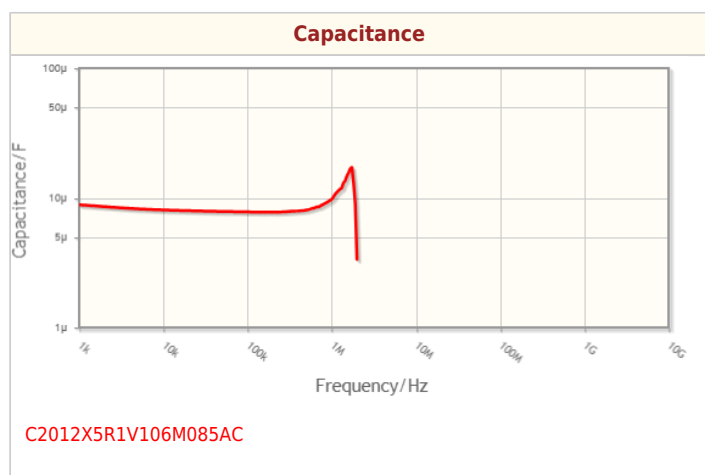
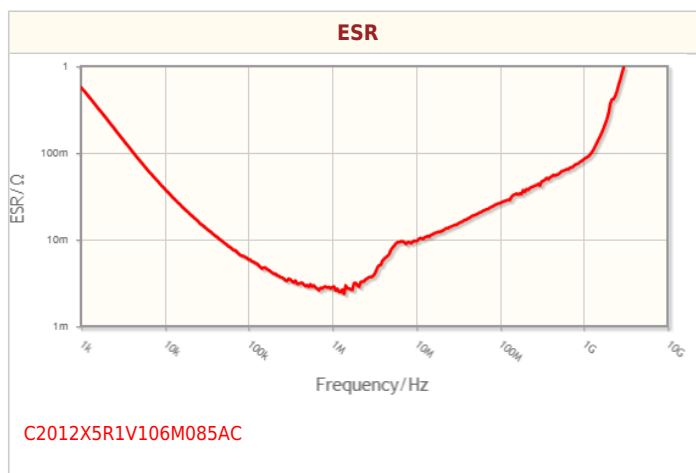
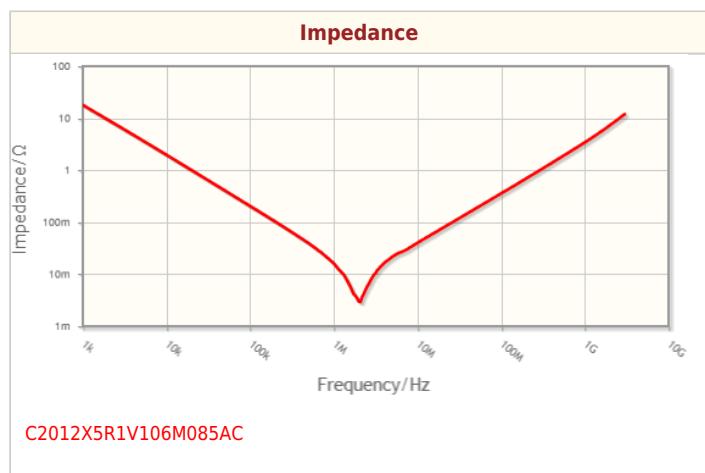
Other	
Operating Temp. Range	-55 to 85°C
Soldering Method	Wave (Flow) Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

! 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.

C2012X5R1V106M085AC



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



C2012X5R1V106M085AC



Associated Images

