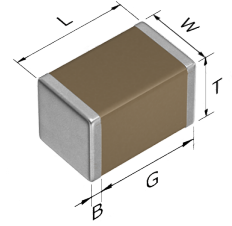


C2012X7S2A224K085AE

Product Status	Production
TDK Item Description	C2012X7S2A224KT***S
Applications	Commercial Grade Please refer to Part No. CGA4F3X7S2A224K085AE for Automotive use.
Feature	Mid Mid Voltage (100 to 630V) Soft Soft Termination
Series	C2012 [EIA 0805]
Brand	TDK
Environmental Compliance	



Size	
Length(L)	2.00mm +0.45,-0.20mm
Width(W)	1.25mm +0.25,-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)

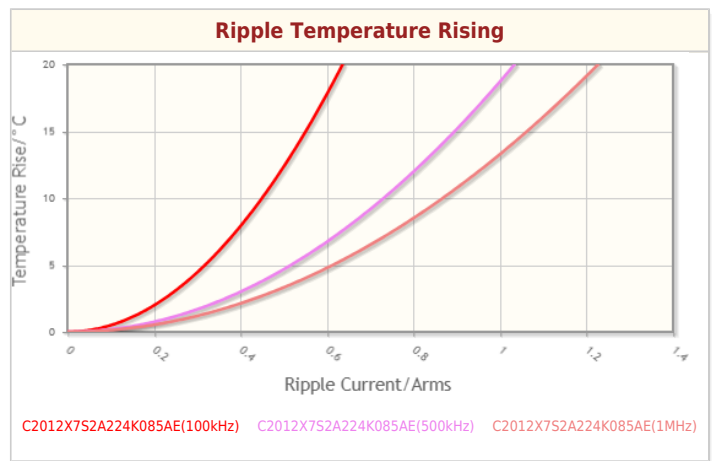
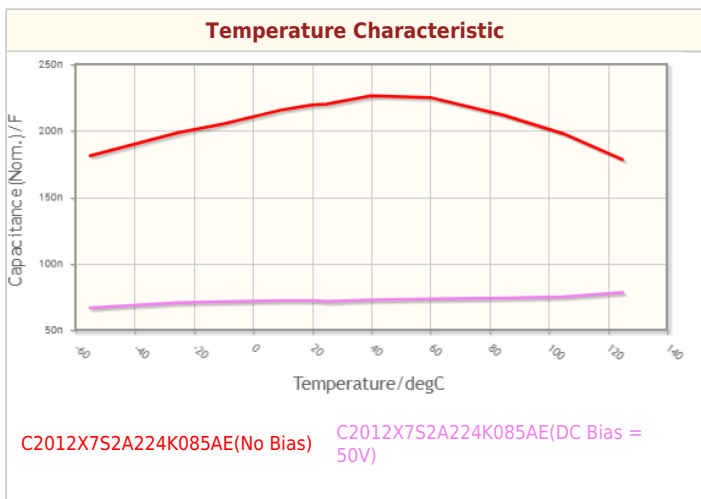
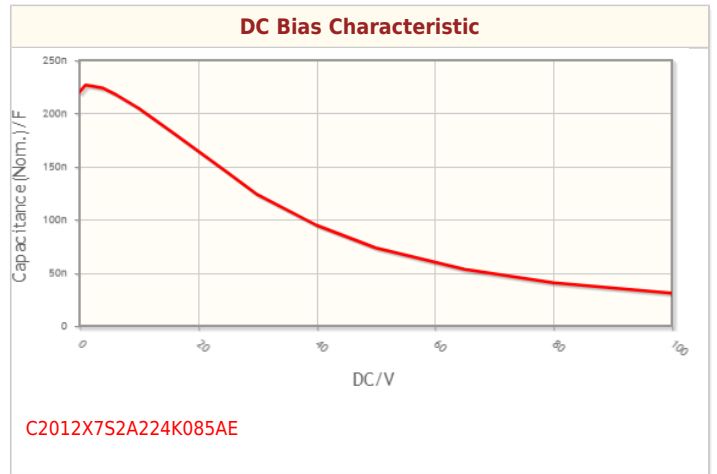
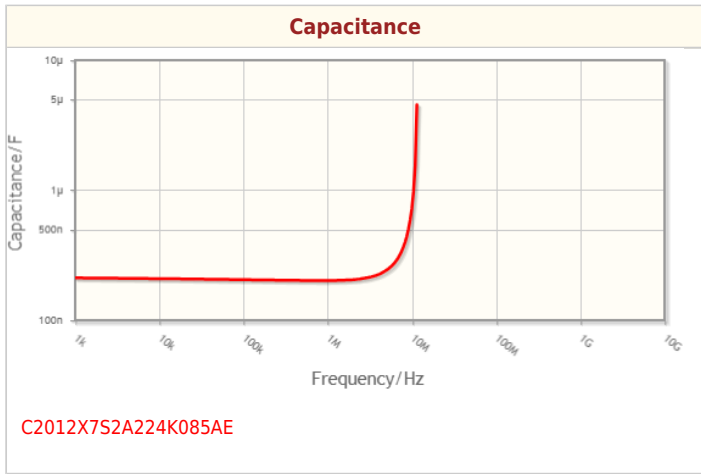
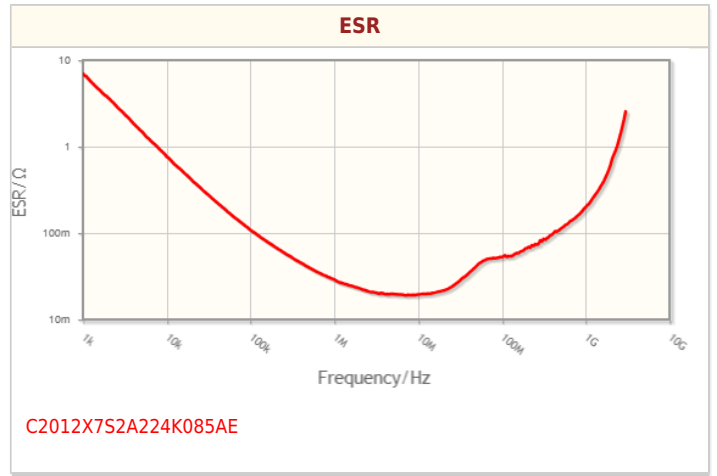
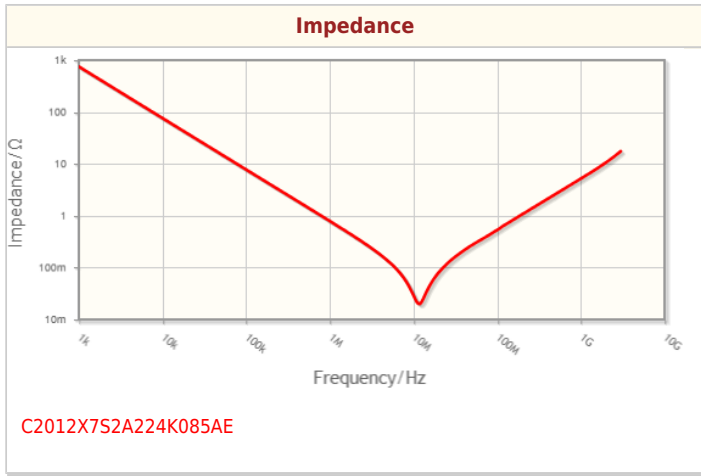
Electrical Characteristics	
Capacitance	220nF ±10%
Rated Voltage	100VDC
Temperature Characteristic	X7S(±22%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	2272MΩ

Other	
Operating Temp. Range	-55 to 125°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.

C2012X7S2A224K085AE

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



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Associated Images

