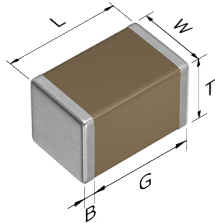


Product Status	Production (NRND)
	Recommended Alternate Part No. : C2012X7S2A224K085AE (Interchangeability is not guaranteed.)
TDK Item Description	C2012X7S2A224MT***S
Applications	Commercial Grade
	Please refer to Part No. CGA4F3X7S2A224M085AE for Automotive use.
Feature	MidMid Voltage (100 to 630V)
	SoftSoft Termination
Series	C2012 [EIA 0805]
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free



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 ±20%
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]

! 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.

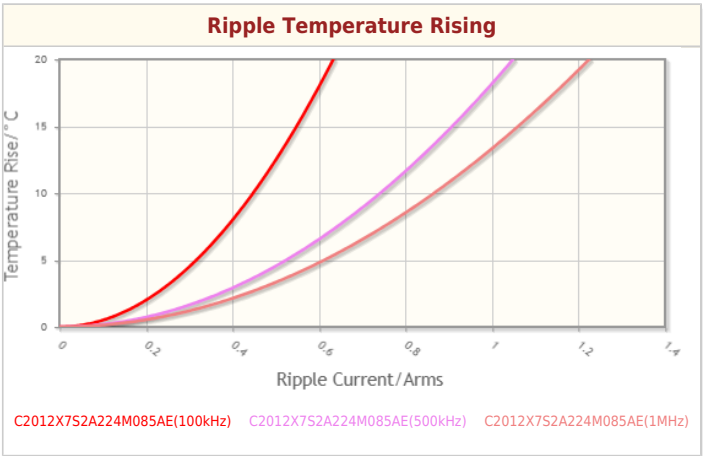
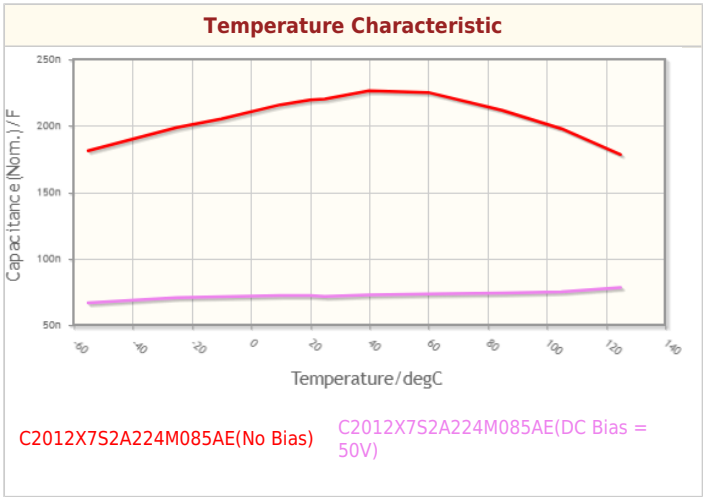
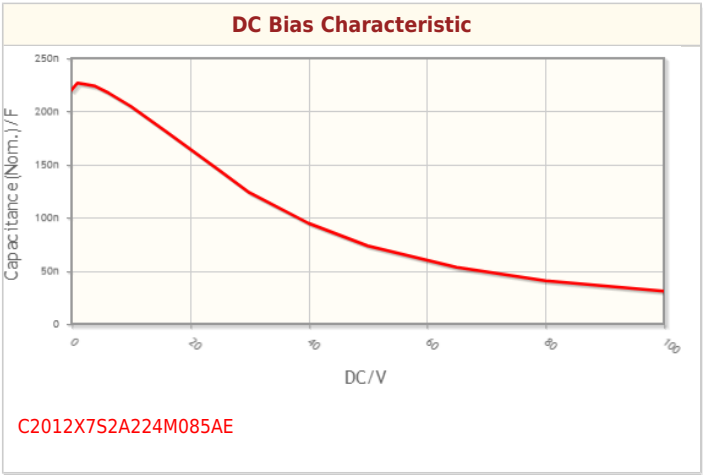
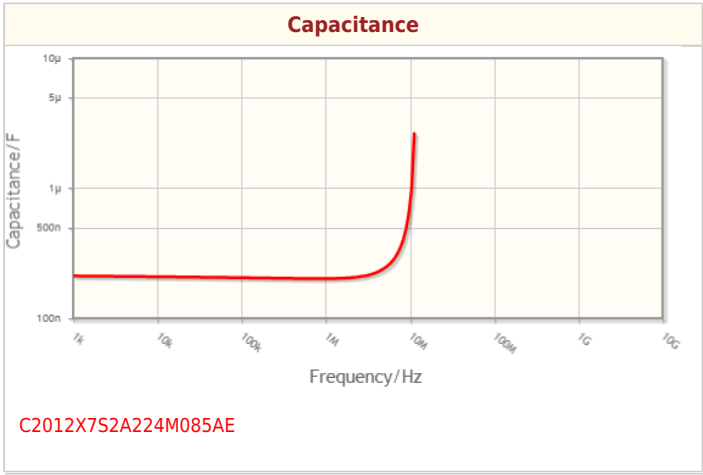
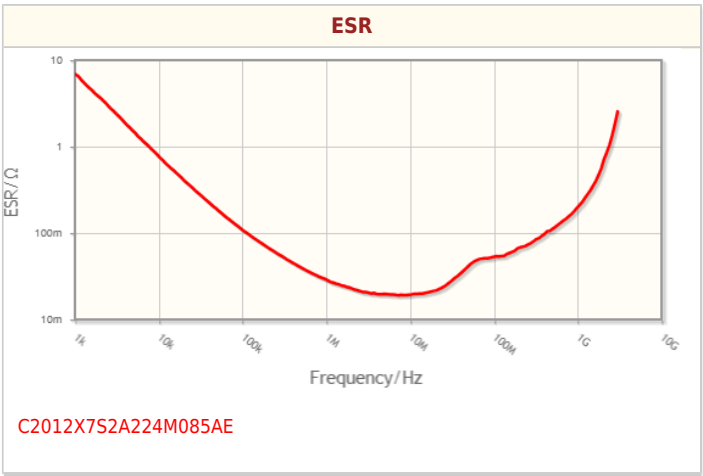
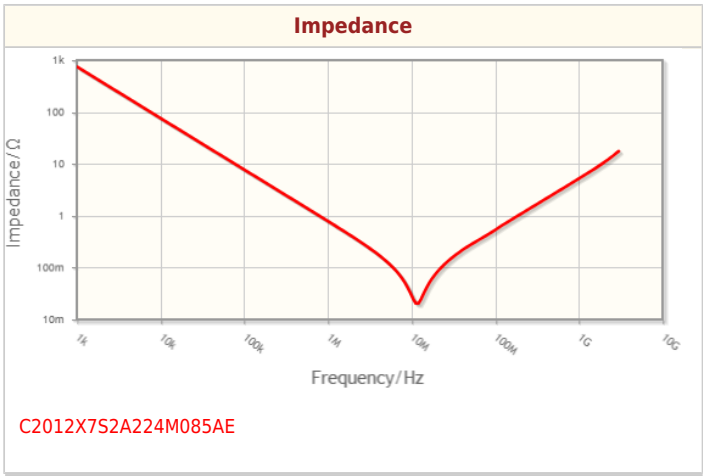


Multilayer Ceramic Chip Capacitors

C2012X7S2A224M085AE

Package Quantity	4000pcs
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



Associated Images

