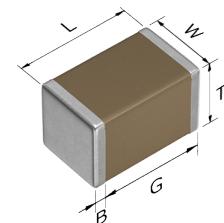


Product Status	Production (NRND)
TDK Item Description	C2012X5R0J226MT****
Applications	Commercial Grade
Feature	General (Up to 75V)
Series	C2012 [EIA 0805]
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



Size	
Length(L)	2.00mm $\pm 0.20$ mm
Width(W)	1.25mm $\pm 0.20$ mm
Thickness(T)	0.85mm $\pm 0.15$ mm
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	22 $\mu$ F $\pm 20\%$
Rated Voltage	6.3VDC
Temperature Characteristic	X5R( $\pm 15\%$ )
Dissipation Factor (Max.)	10%
Insulation Resistance (Min.)	4M $\Omega$

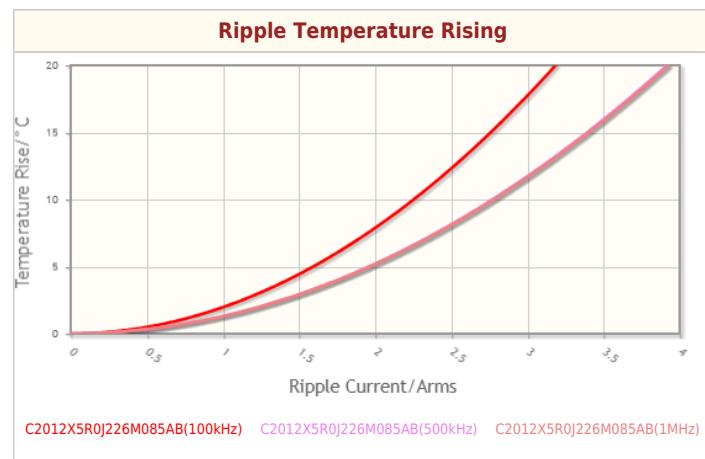
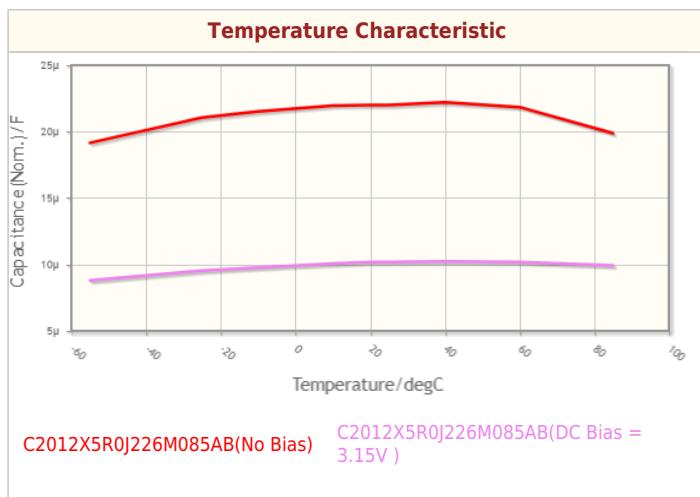
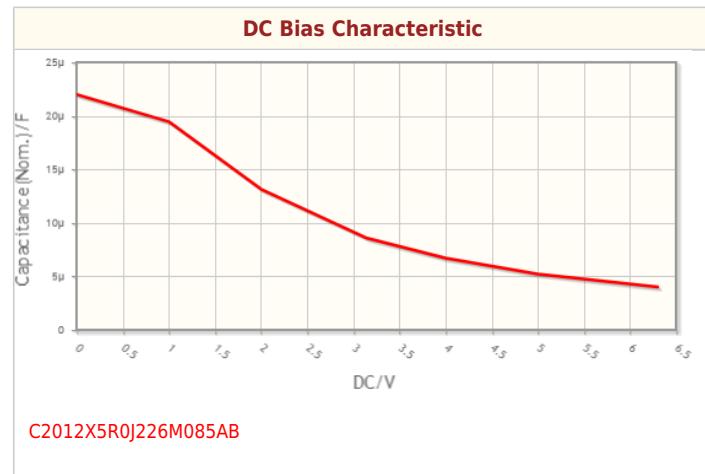
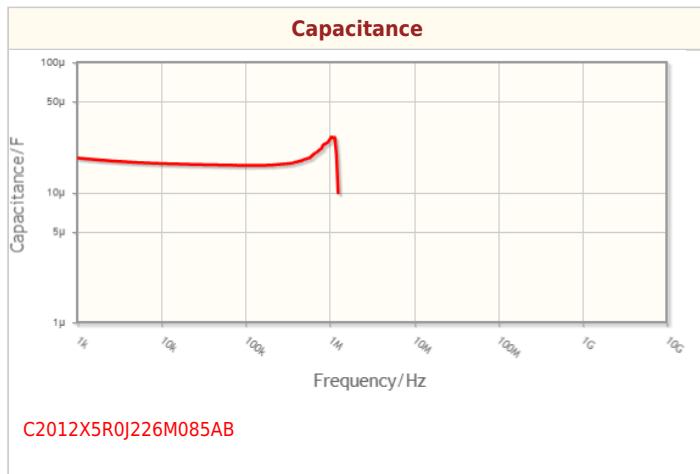
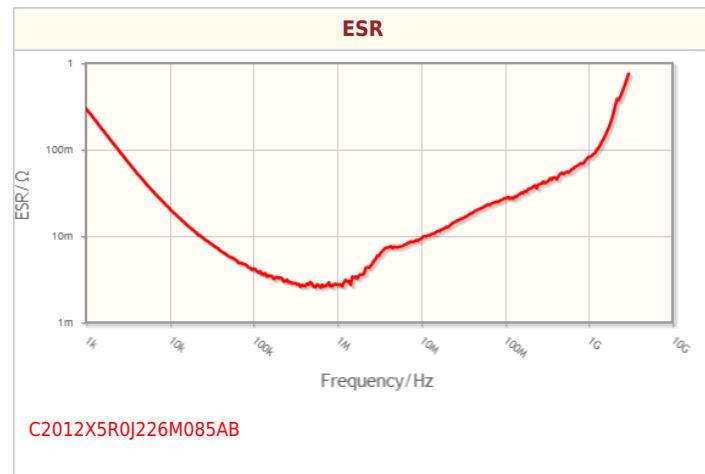
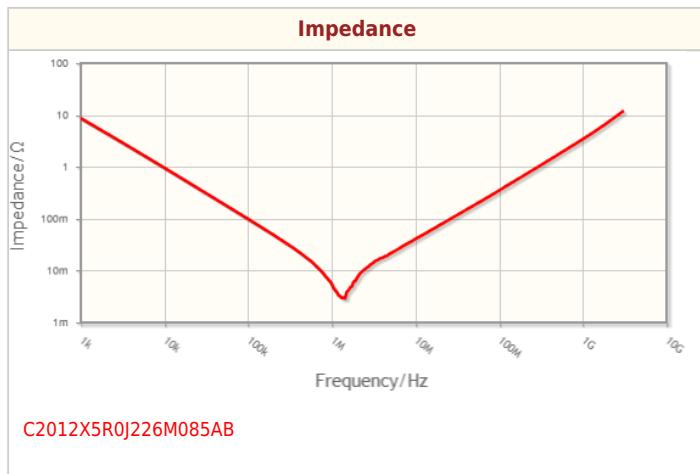
Other	
Operating Temp. Range	-55 to 85°C
Soldering Method	Wave (Flow) Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

! 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.

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

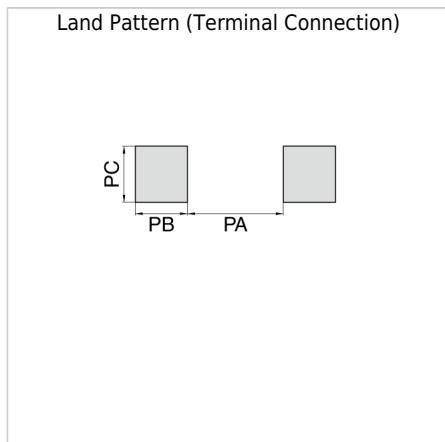


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## Associated Images



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