

Multilayer Ceramic Chip Capacitors

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C1005X7S1A105M050BC

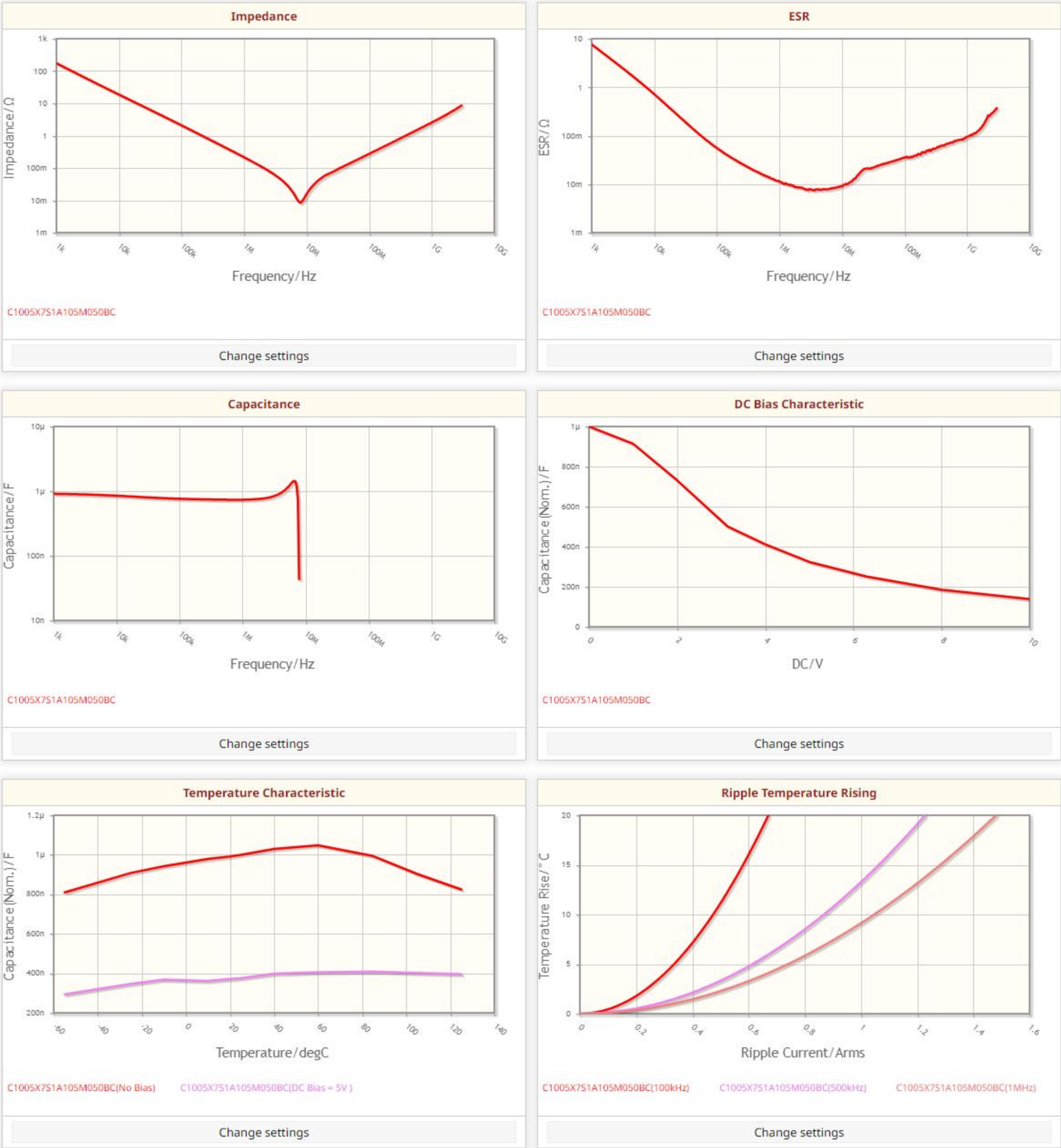
TDK item description	C1005X7S1A105MT****
Applications	Commercial Grade
Feature	General General (Up to 75V)
Series	C1005 [EIA 0402]
Status	Production (Not Recommended for New Design) Recommended Alternate Part No. : C1005X7S1A105K050BC (Interchangeability is not guaranteed.)
Brand	TDK

Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness(T)	0.50mm ±0.05mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.30mm to 0.50mm
Recommended Land Pattern (PB)	0.35mm to 0.45mm
Recommended Land Pattern (PC)	0.40mm to 0.60mm

Capacitance	1μF ±20%
Rated Voltage	10VDC
Temperature Characteristic	X7S(±22%)
Dissipation Factor (Max.)	10%
Insulation Resistance (Min.)	100MΩ

Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

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



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C1005X5R1E333M050BA
Multilayer Ceramic Chip Capacitors
Capacitance=33nF
Edc=25V
T.C.=X5R
LxWxT:1x0.5x0.5mm
General

C1005X5R1E683K050BC
Multilayer Ceramic Chip Capacitors
Capacitance=68nF
Edc=25V
T.C.=X5R
LxWxT:1x0.5x0.5mm
General

C1005X5R1E684K050BC
Multilayer Ceramic Chip Capacitors
Capacitance=0.68μF
Edc=25V
T.C.=X5R
LxWxT:1x0.5x0.5mm
General