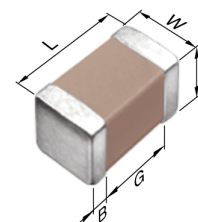


C1005X7R1V683K050BB



**TDK item description** C1005X7R1V683KT\*\*\*\*

<b>Applications</b>	Commercial Grade Please refer to Part No. <a href="#">CGA2B3X7R1V683K050BB</a> for Automotive use.
<b>Feature</b>	<b>General</b> General (Up to 50V)
<b>Series</b>	C1005 [EIA 0402]
<b>Status</b>	Production (Not Recommended for New Design)



Dimensions in mm

Size	
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

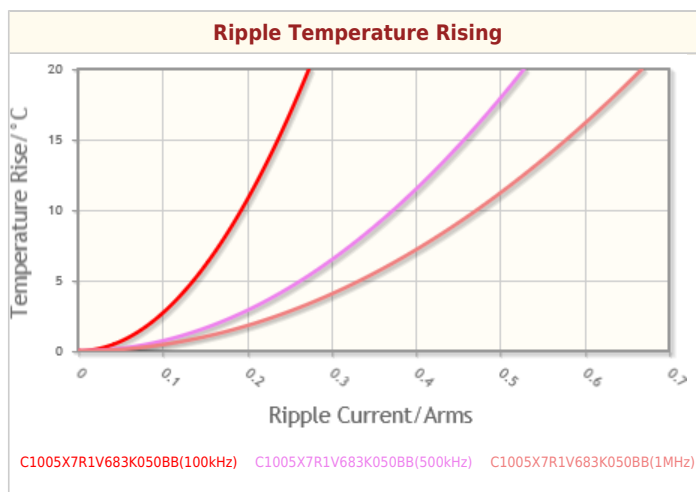
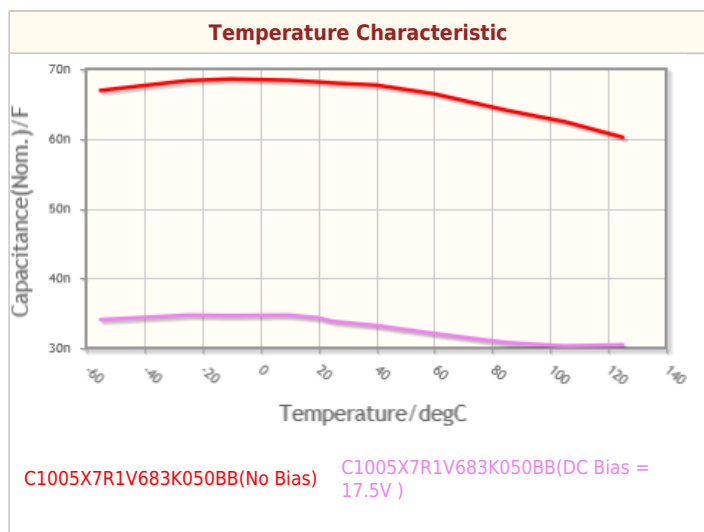
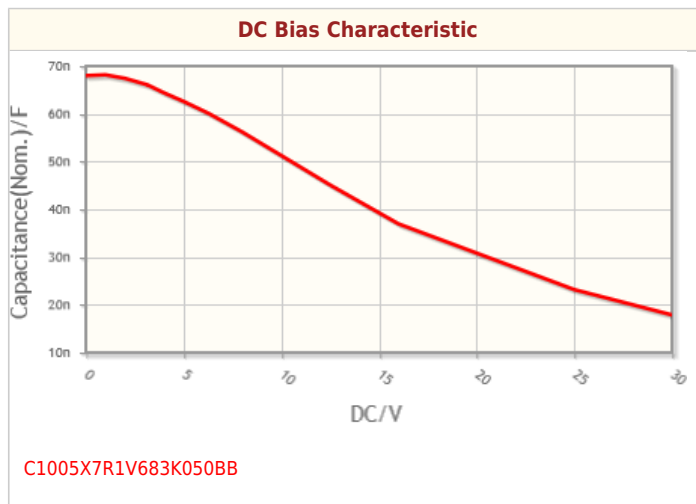
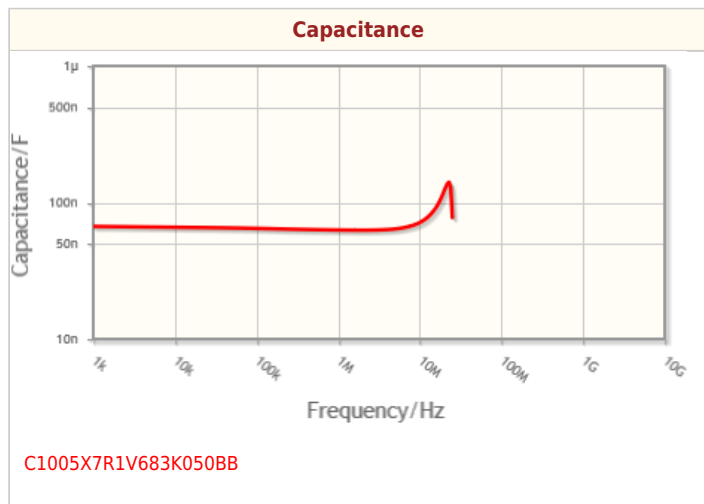
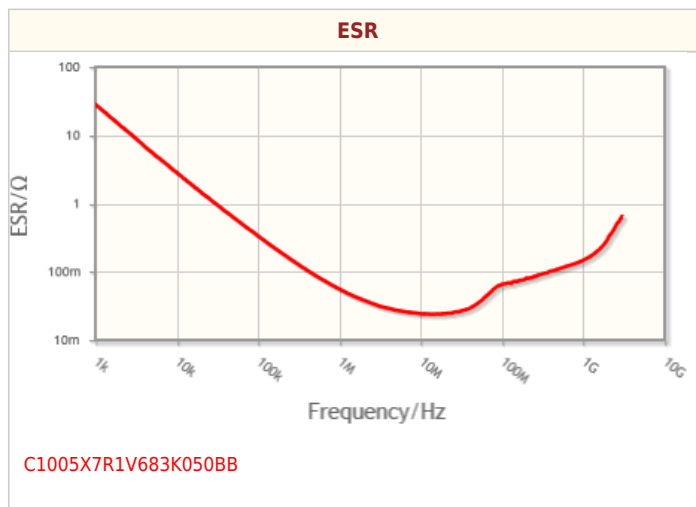
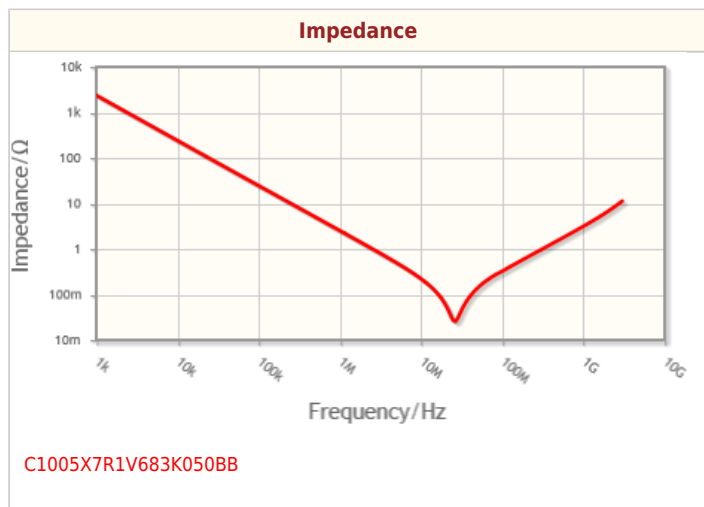
Electrical Characteristics	
Capacitance	68nF ±10%
Rated Voltage	35VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	7352MΩ

Other	
Soldering Method	Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

C1005X7R1V683K050BB



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





# Associated Images

