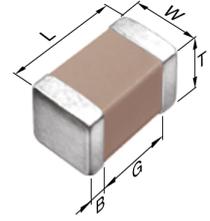


C1005X8R2A152K050BE



**TDK item description** C1005X8R2A152KT\*\*\*S

<b>Applications</b>	Commercial Grade Please refer to Part No. <a href="#">CGA2B2X8R2A152K050BE</a> for Automotive use.
<b>Feature</b>	<span style="border: 1px solid red; padding: 2px;">Mid</span> Mid Voltage (100 to 630V) <span style="border: 1px solid green; padding: 2px;">150°C</span> High Temperature Application <span style="border: 1px solid green; padding: 2px;">Soft</span> Soft Termination
<b>Series</b>	C1005 [EIA 0402]
<b>Status</b>	Production (Not Recommended for New Design)



Dimensions in mm

Size	
Length(L)	1.00mm +0.15,-0.05mm
Width(W)	0.50mm +0.10,-0.05mm
Thickness(T)	0.50mm +0.10,-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	1.5nF ±10%
Rated Voltage	100VDC
Temperature Characteristic	X8R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

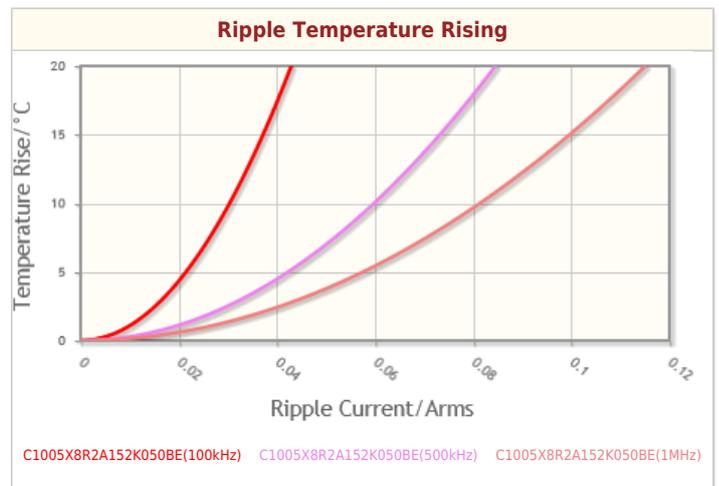
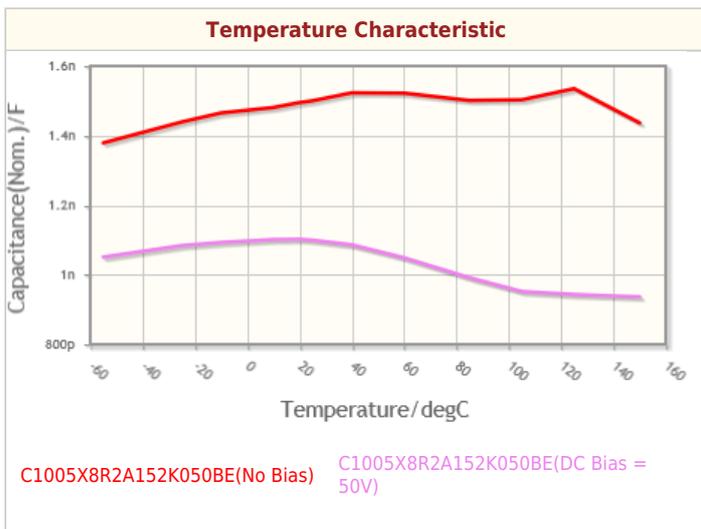
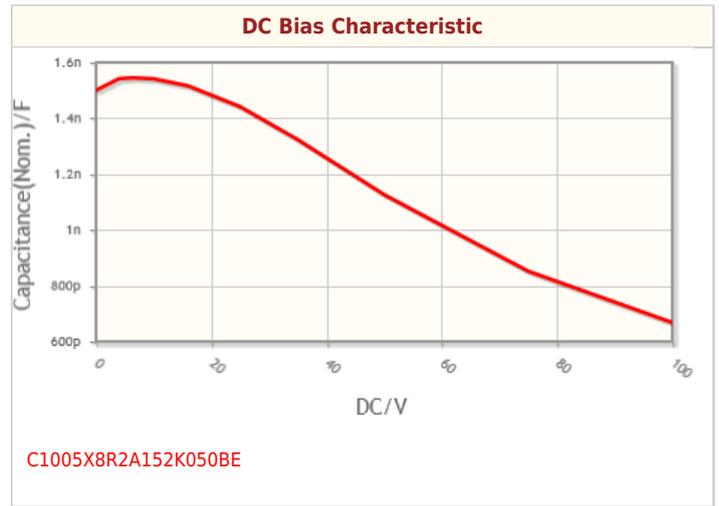
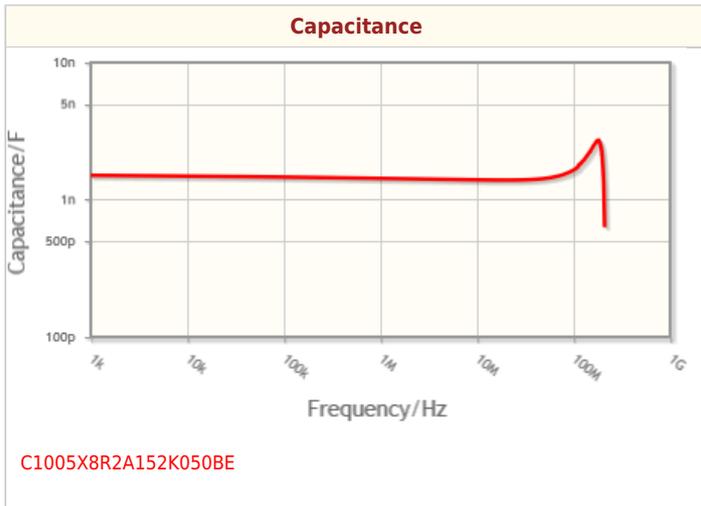
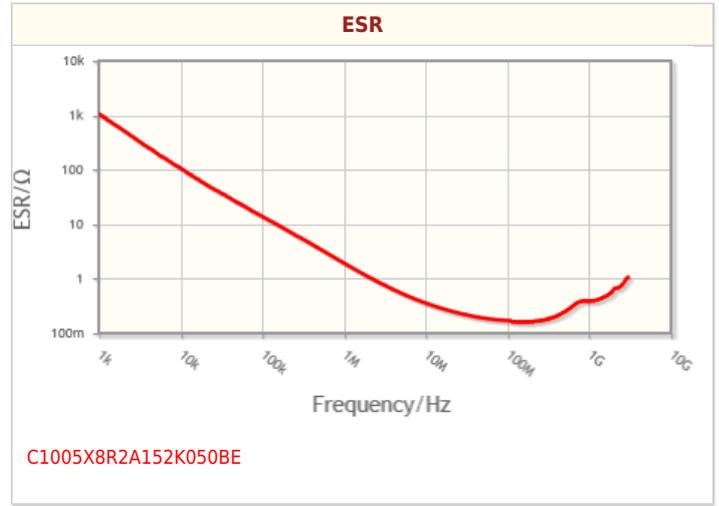
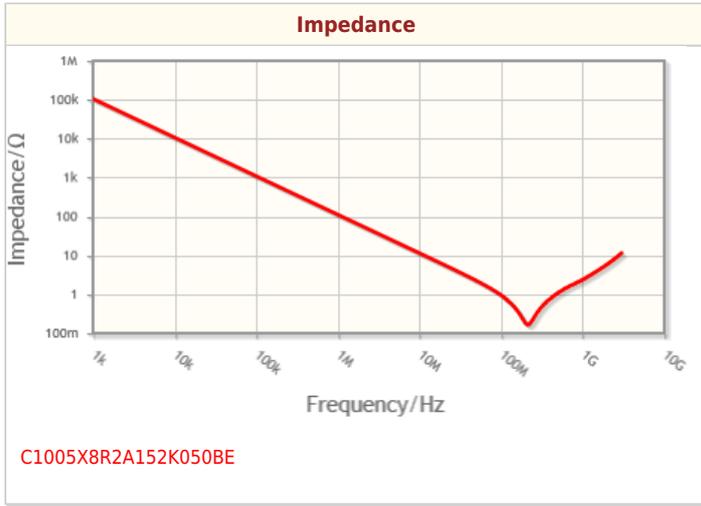
Other	
Soldering Method	Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

! 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.

C1005X8R2A152K050BE



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

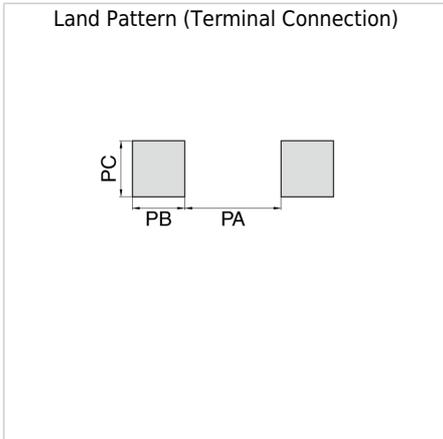


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## Associated Images



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