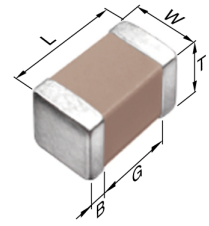


CGA9P2X7R1H685K250KA



**TDK item description** CGA9P2X7R1H685KT\*\*\*\*

<b>Applications</b>	Automotive Grade
<b>Feature</b>	<b>General</b> General (Up to 50V) <b>AEC-Q200</b> AEC-Q200
<b>Series</b>	CGA9(5750) [EIA 2220]
<b>Status</b>	Production (Not Recommended for New Design)



Dimensions in mm

Size	
Length(L)	5.70mm ±0.40mm
Width(W)	5.00mm ±0.40mm
Thickness(T)	2.50mm ±0.30mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	4.10mm to 4.80mm
Recommended Land Pattern (PB)	1.20mm to 1.40mm
Recommended Land Pattern (PC)	4.00mm to 5.00mm

Electrical Characteristics	
Capacitance	6.8μF ±10%
Rated Voltage	50VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	73MΩ

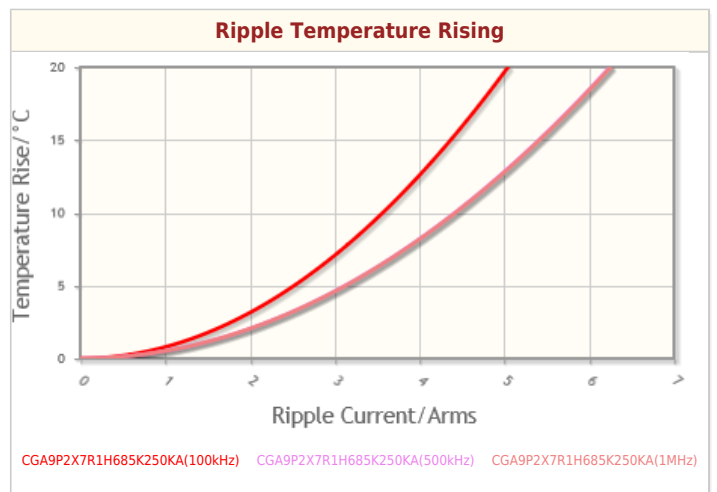
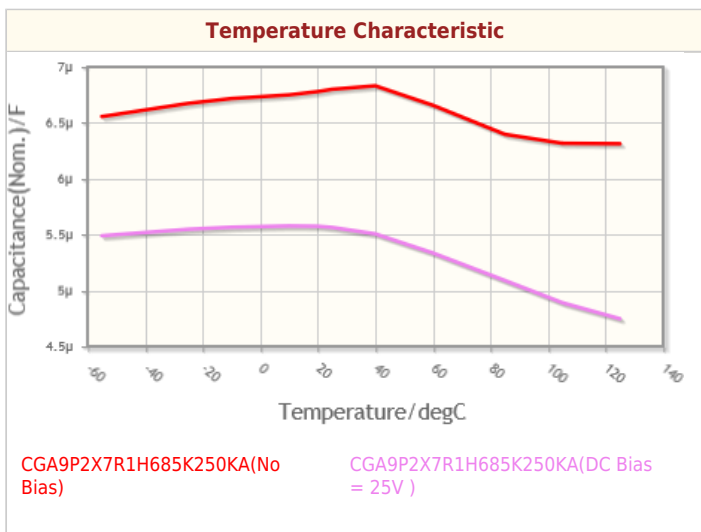
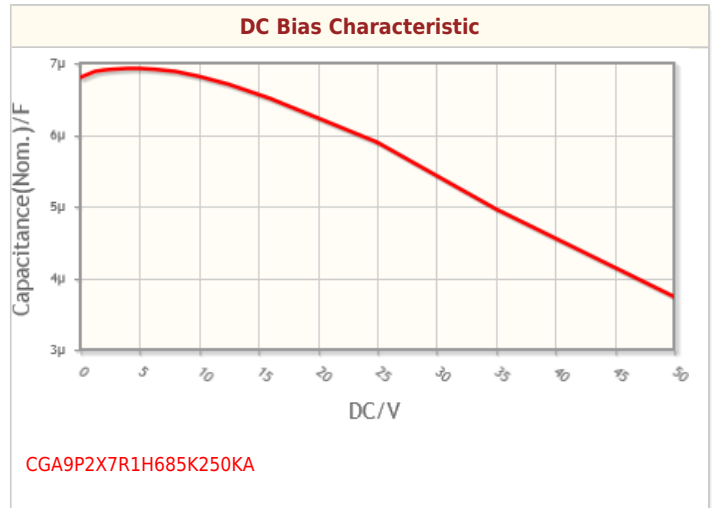
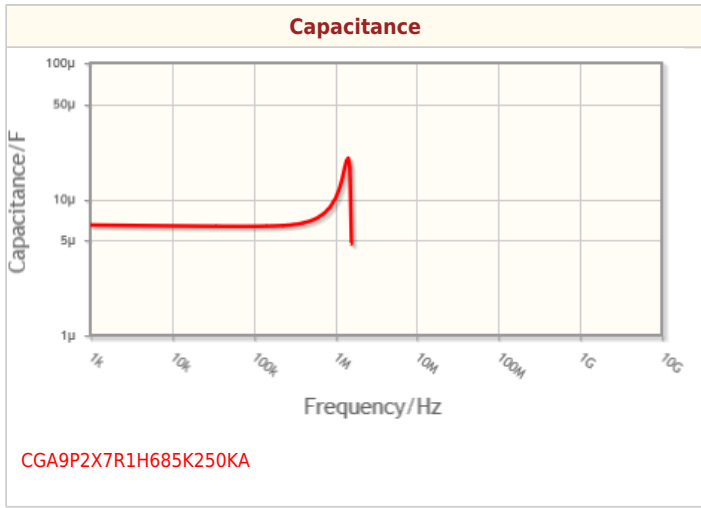
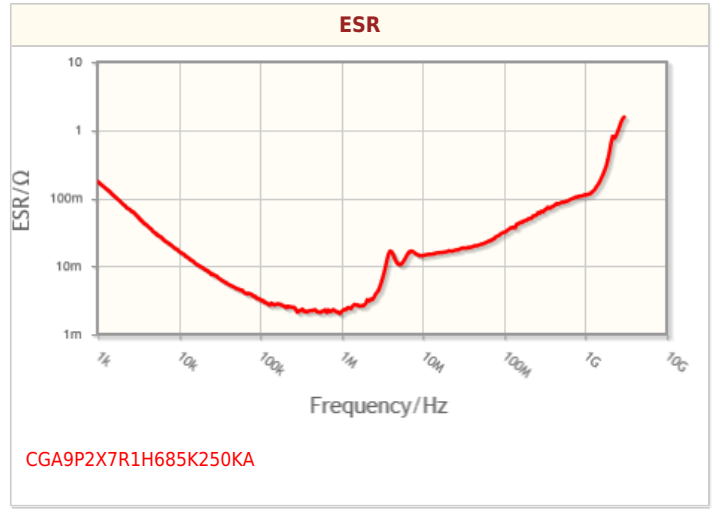
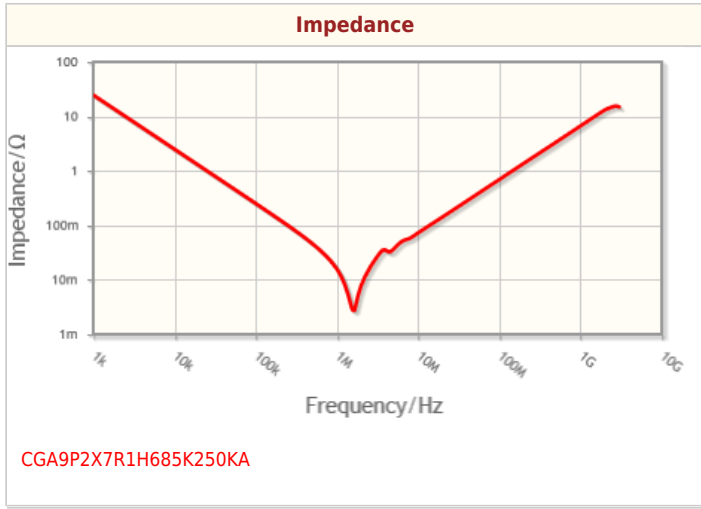
Other	
Soldering Method	Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	500pcs

! 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.

CGA9P2X7R1H685K250KA



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

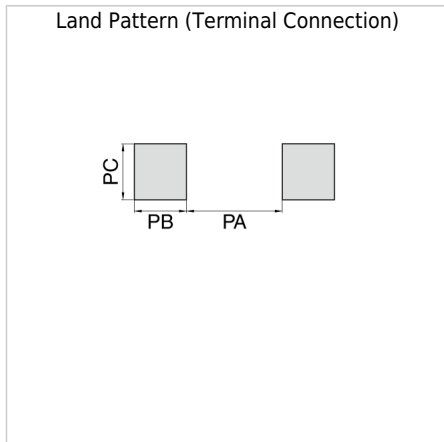


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CGA9P2X7R1H685K250KA



## Associated Images



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