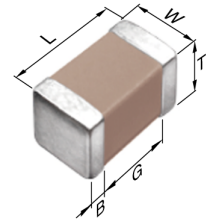


CGA4J1X7R0J685M125AC



TDK item description CGA4J1X7R0J685MT****

Applications	Automotive Grade
Feature	General General (Up to 50V) AEC-Q200 AEC-Q200
Series	CGA4(2012) [EIA 0805]
Status	Production



Dimensions in mm

Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness(T)	1.25mm ±0.20mm
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	6.8µF ±20%
Rated Voltage	6.3VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	10%
Insulation Resistance (Min.)	14MΩ

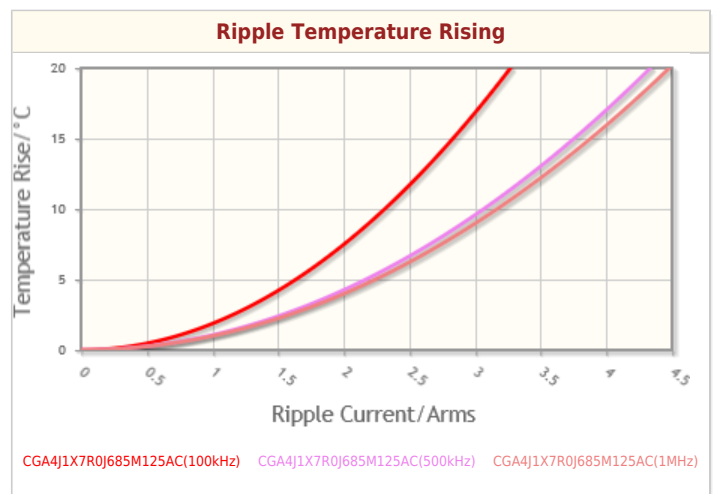
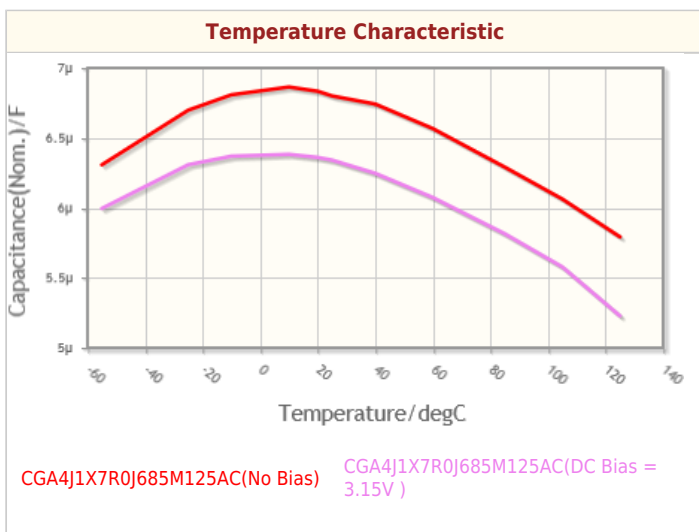
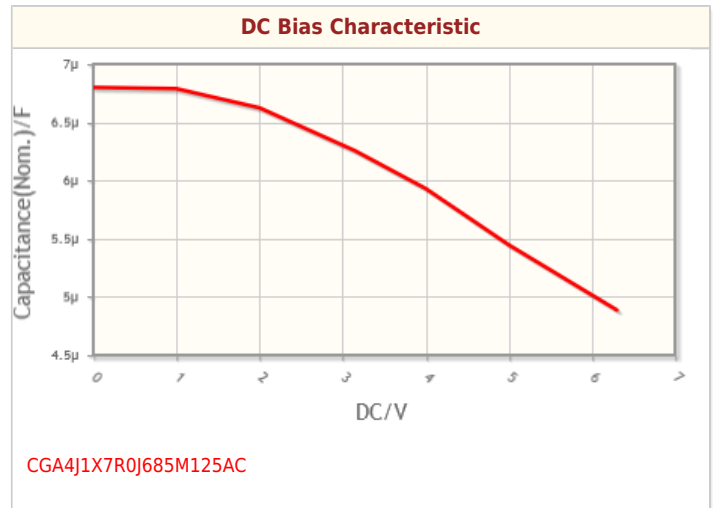
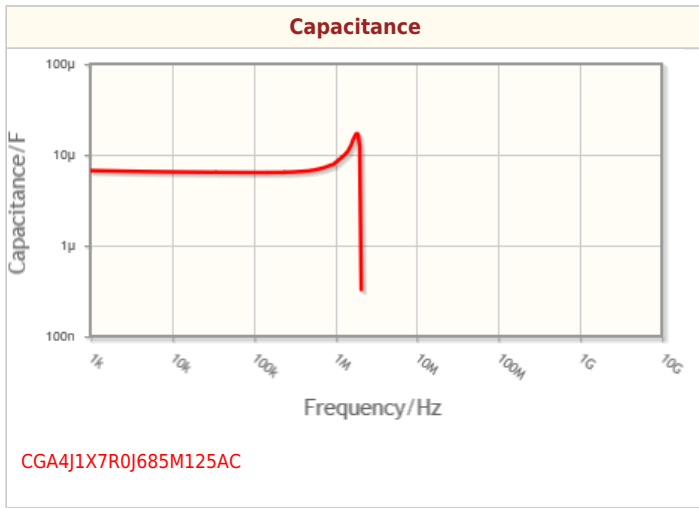
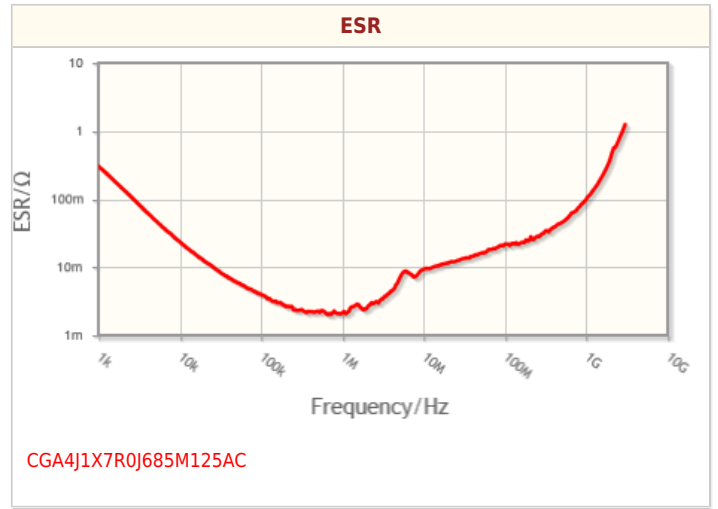
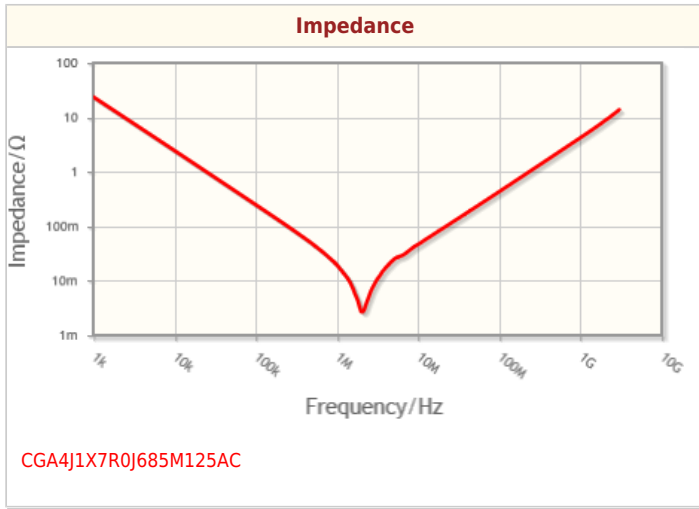
Other	
Soldering Method	Wave (Flow) Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

! 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.

CGA4J1X7R0J685M125AC



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

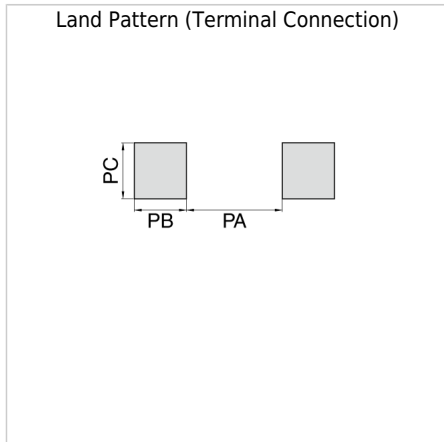


! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

CGA4J1X7R0J685M125AC



Associated Images



! 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.