

CGA3E2X8R1E683M080AE



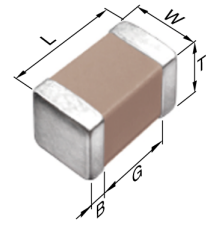
TDK item description CGA3E2X8R1E683MT***S

Applications Automotive Grade

Feature High Temperature Application
 Soft Termination
 AEC-Q200

Series CGA3(1608) [EIA 0603]

Status Production (Not Recommended for New Design)



Dimensions in mm

Size	
Length(L)	1.60mm +0.20,-0.10mm
Width(W)	0.80mm +0.15,-0.10mm
Thickness(T)	0.80mm +0.15,-0.10mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.70mm to 1.00mm(Flow Soldering) 0.60mm to 0.80mm(Reflow Soldering)
Recommended Land Pattern (PB)	0.80mm to 1.00mm(Flow Soldering) 0.60mm to 0.80mm(Reflow Soldering)
Recommended Land Pattern (PC)	0.60mm to 0.80mm(Flow Soldering) 0.60mm to 0.80mm(Reflow Soldering)

Electrical Characteristics	
Capacitance	68nF ±20%
Rated Voltage	25VDC
Temperature Characteristic	X8R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	7352MΩ

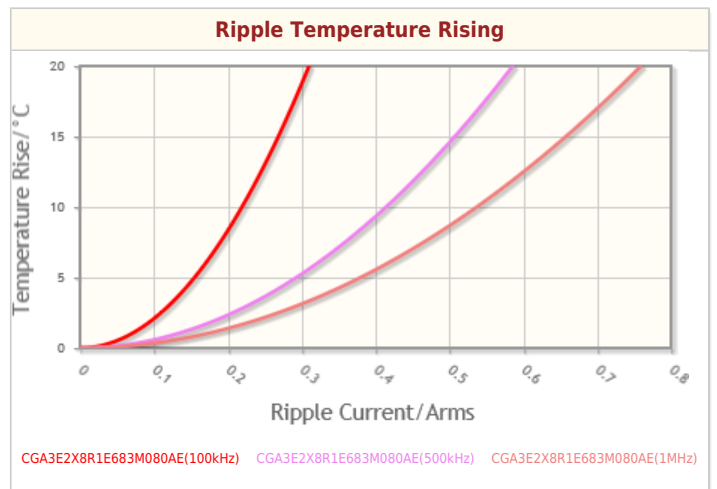
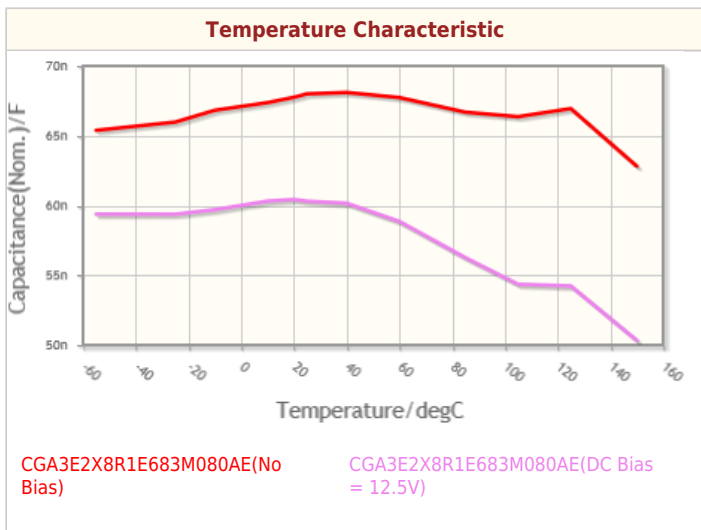
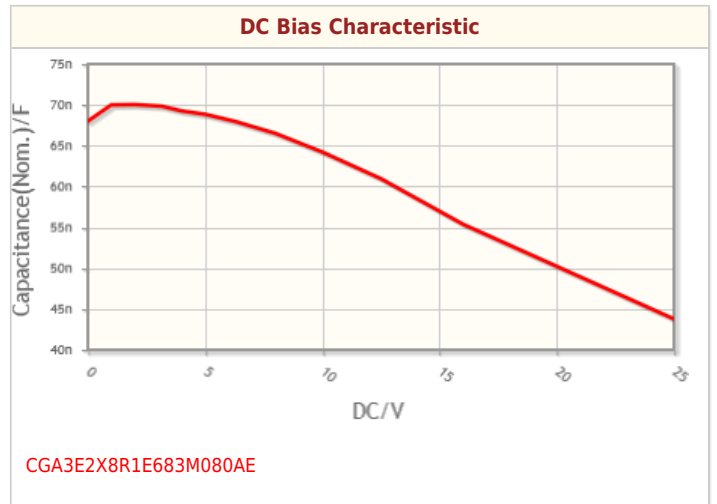
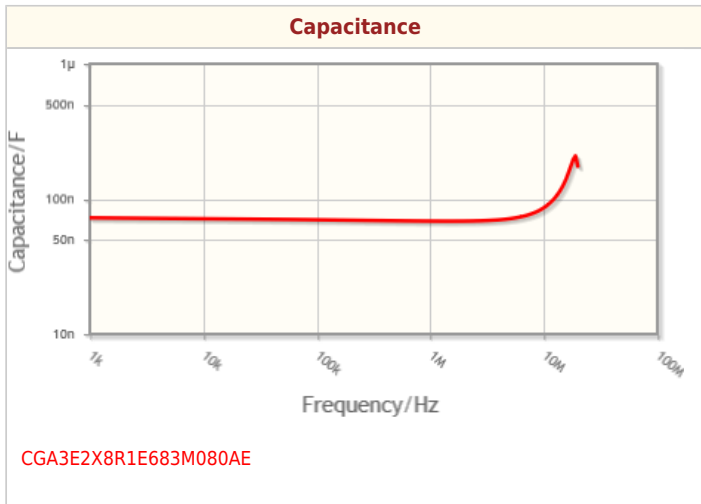
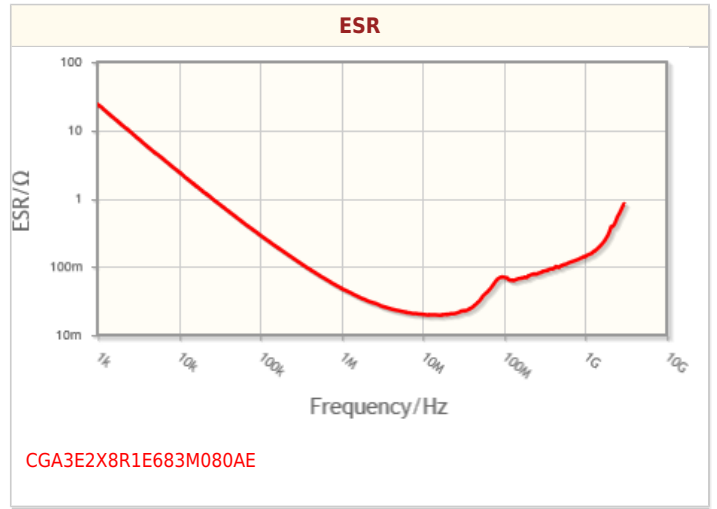
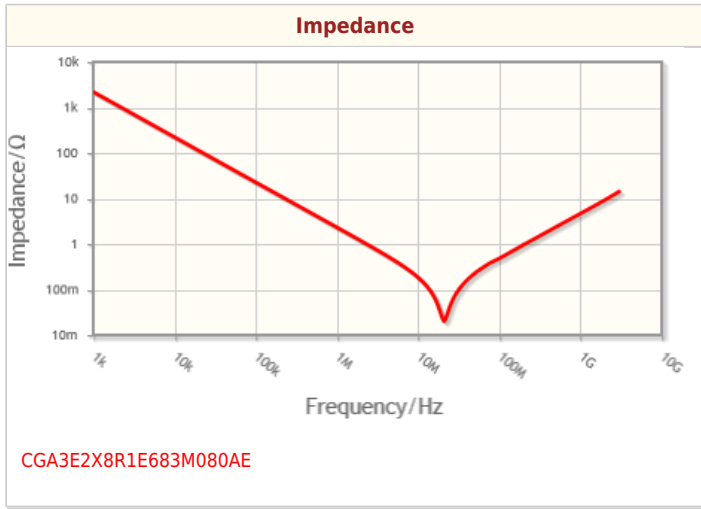
Other	
Soldering Method	Wave (Flow) Reflow
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

! Images are for reference only and show exemplary products.
 ! This PDF document was created based on the data listed on the TDK Corporation website.
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

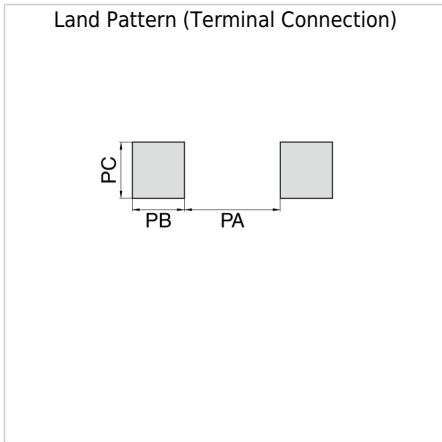


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Associated Images



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