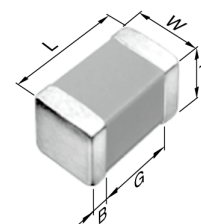


CGA3E2C0G1H271J080AA



**TDK item description** CGA3E2C0G1H271JT\*\*\*\*

<b>Applications</b>	Automotive Grade
<b>Feature</b>	<span>General</span> General (Up to 50V) <span>AEC-Q200</span> AEC-Q200
<b>Series</b>	CGA3(1608) [EIA 0603]
<b>Status</b>	Production



Dimensions in mm

Size	
Length(L)	1.60mm ±0.10mm
Width(W)	0.80mm ±0.10mm
Thickness(T)	0.80mm ±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)

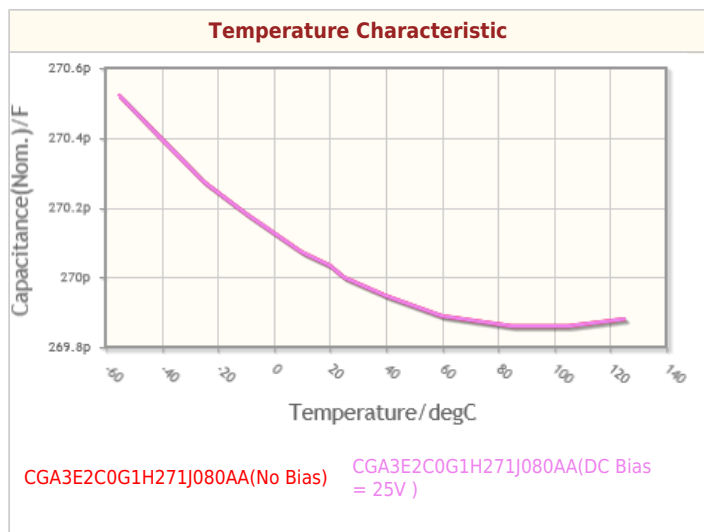
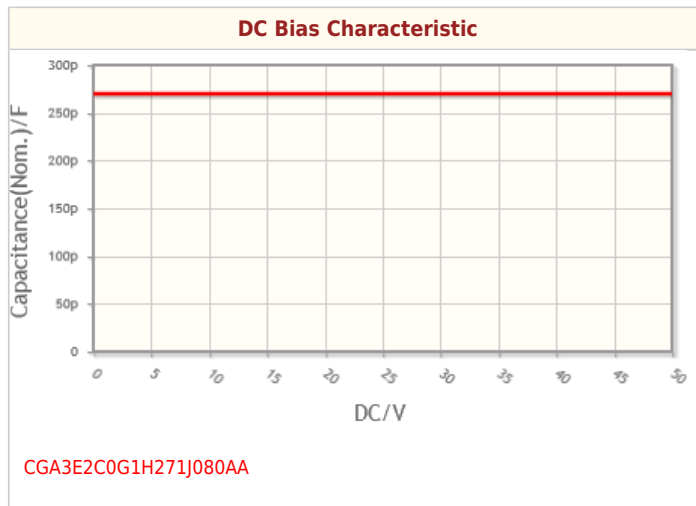
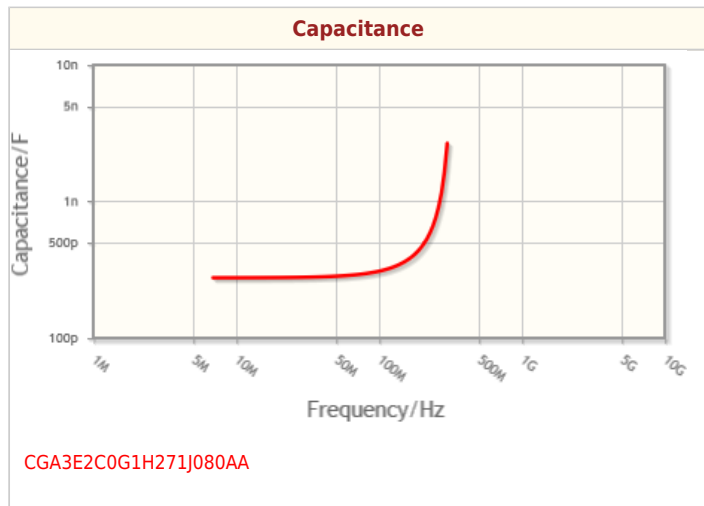
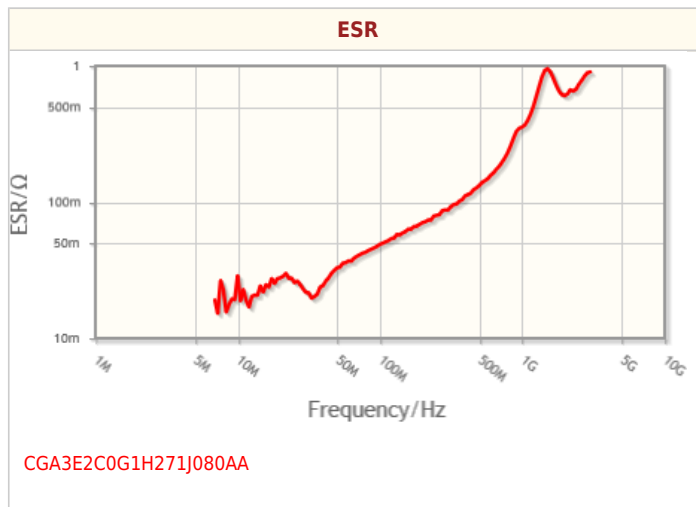
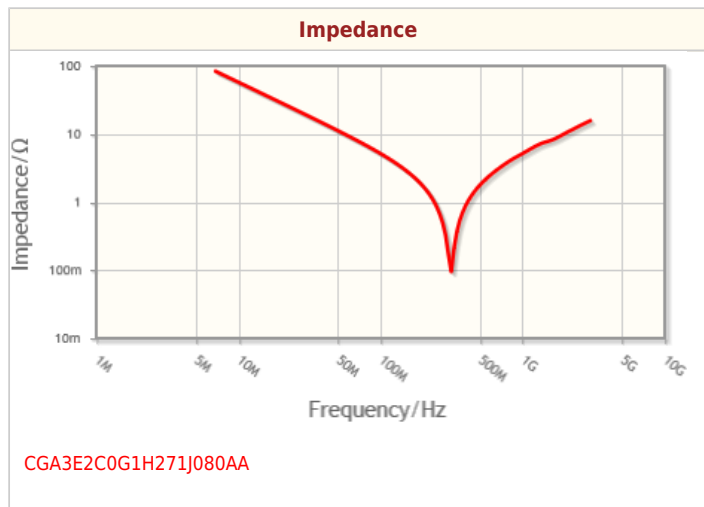
Electrical Characteristics	
Capacitance	270pF ±5%
Rated Voltage	50VDC
Temperature Characteristic	C0G(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

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

CGA3E2C0G1H271J080AA

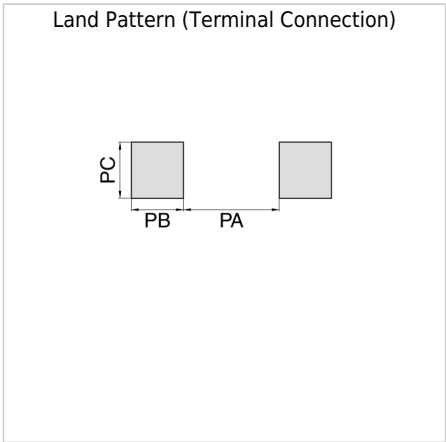


## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





## 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.