

**TDK item description** CGA8P2C0G2A683JT\*\*\*\*

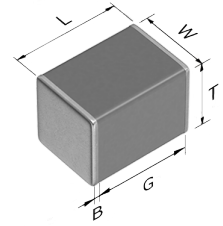
**Applications** Automotive Grade

**Feature** AEC-Q200

Mid Voltage (100 to 630V)

**Series** CGA8(4532) [EIA 1812]

**Status** Production



### Size

Length(L)	4.50mm ±0.40mm
Width(W)	3.20mm ±0.40mm
Thickness(T)	2.50mm ±0.30mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	3.10mm to 3.70mm
Recommended Land Pattern (PB)	1.20mm to 1.40mm
Recommended Land Pattern (PC)	2.40mm to 3.20mm

### Electrical Characteristics

Capacitance	68nF ±5%
Rated Voltage	100VDC
Temperature Characteristic	C0G(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	7352MΩ

### Other

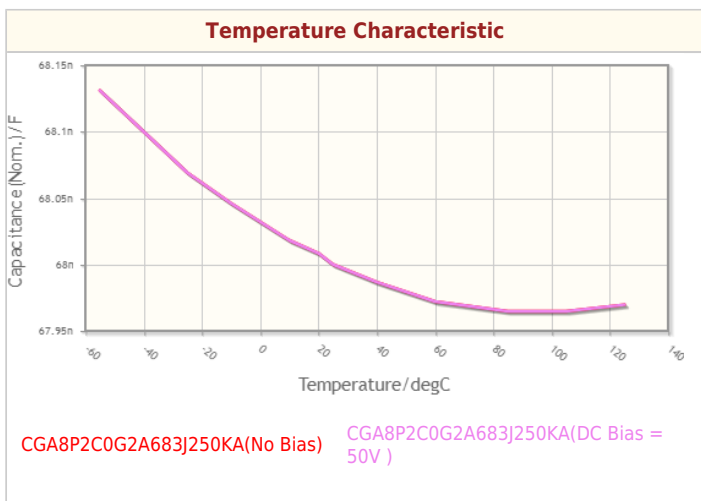
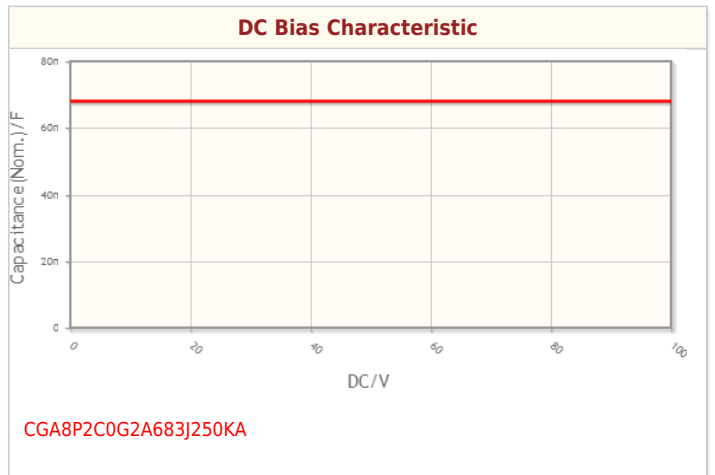
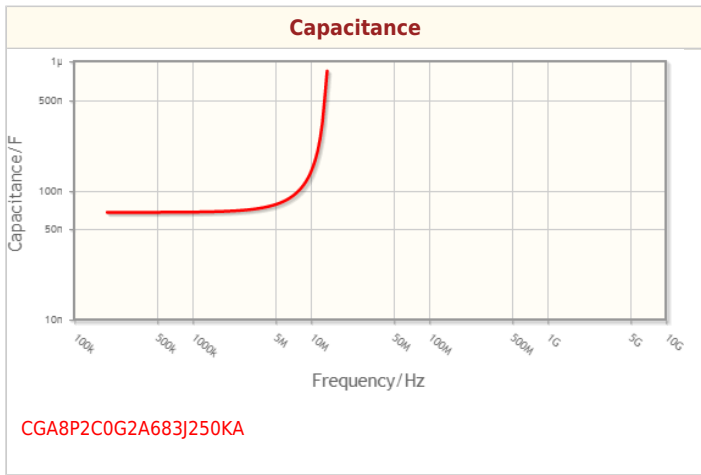
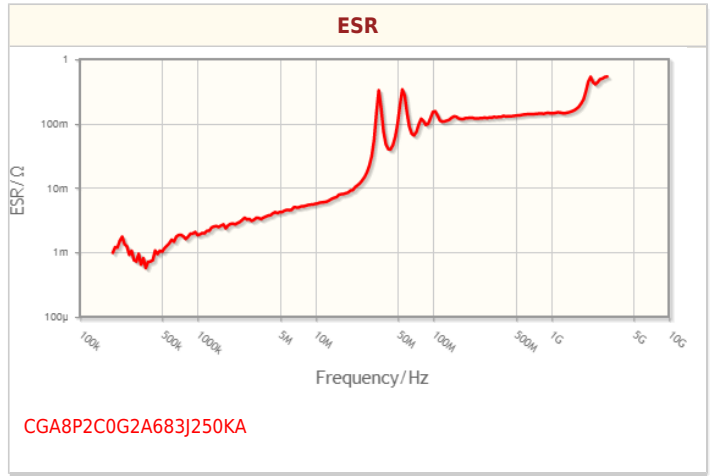
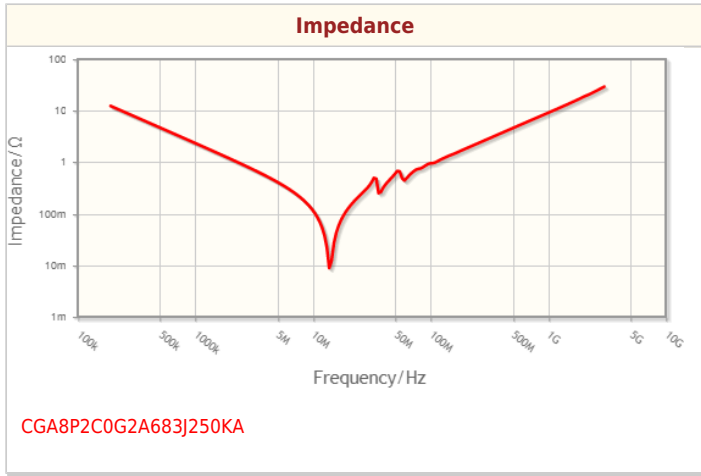
Soldering Method	Reflow
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	500pcs

! Images are for reference only and show exemplary products.

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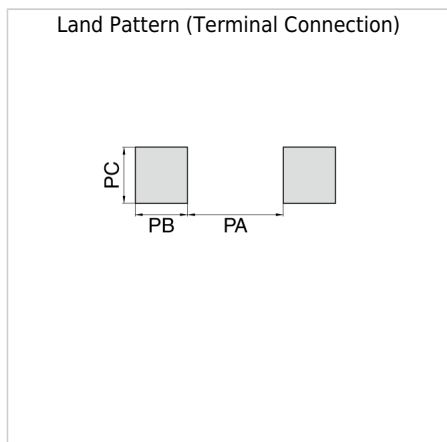
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images



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