

Multilayer Ceramic Chip Capacitors

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Tech Notes

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FAQ

C3216C0G2A683J160AC

?



TDK item description ? C3216C0G2A683JT****

Applications



Commercial Grade

Please refer to Part No. [CGA5L1C0G2A683J160AC](#) for Automotive use.

Feature

Mid

Mid Voltage (100 to 630V)

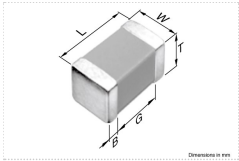
Series

C3216 [EIA 1206]

Status



Production



Images are for reference only and show exemplary products.

PDF file of this page



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Documents

Catalog

Specification

RoHS Certificate

SVHC/REACH Certificate

Characterization Sheet

Promotion Video

Sample Kits

Size

Length(L) 3.20mm ±0.20mm

Width(W) 1.60mm ±0.20mm

Thickness(T) 1.60mm ±0.20mm

Terminal Width(B) 0.20mm Min.

Terminal Spacing(G) 1.00mm Min.

Recommended Land Pattern (PA) 2.10mm to 2.50mm(Flow Soldering)
2.00mm to 2.40mm(Reflow Soldering)

Recommended Land Pattern (PB) 1.10mm to 1.30mm(Flow Soldering)
1.00mm to 1.20mm(Reflow Soldering)

Recommended Land Pattern (PC) 1.00mm to 1.30mm(Flow Soldering)
1.10mm to 1.60mm(Reflow Soldering)

Electrical Characteristics

Capacitance 68nF ±5%

Rated Voltage 100VDC

Temperature Characteristic ? C0G(0±30ppm/°C)

Q (Min.) 1000

Insulation Resistance (Min.) 7352MΩ

Other

Soldering Method Wave (Flow)
Reflow

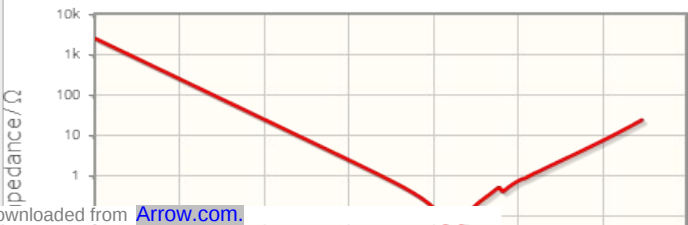
AEC-Q200 No

Packing Blister (Plastic)Taping [180mm Reel]

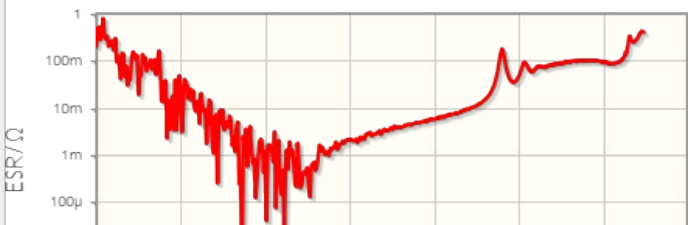
Package Quantity 2000pcs

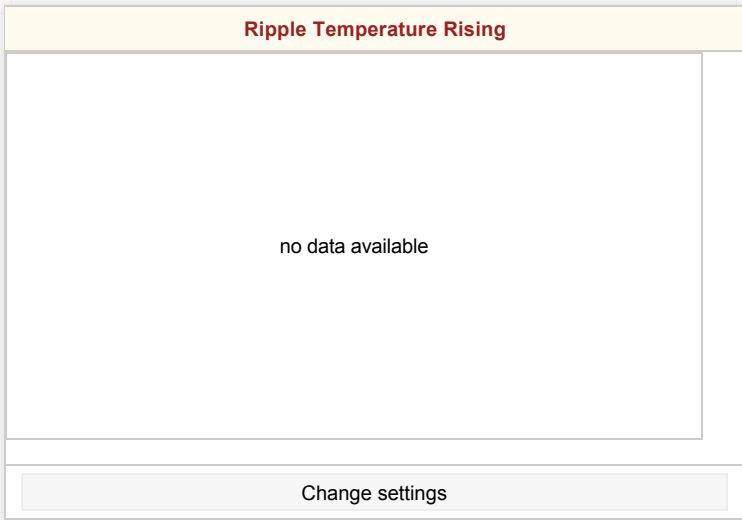
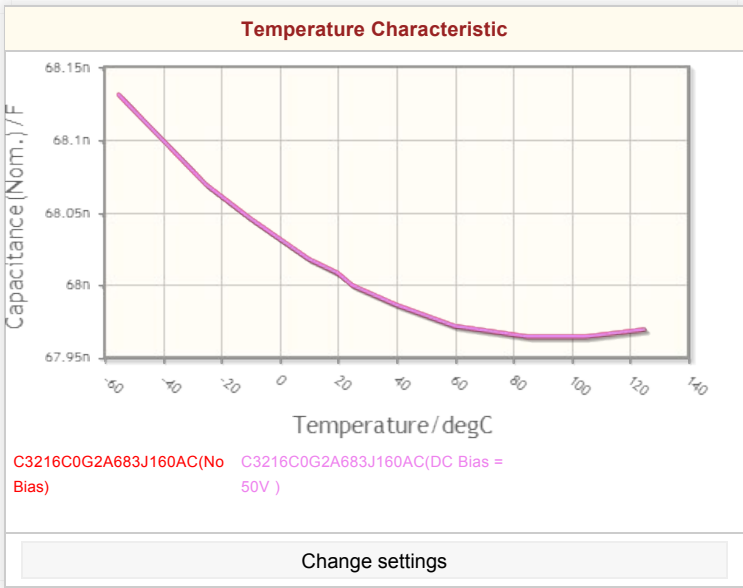
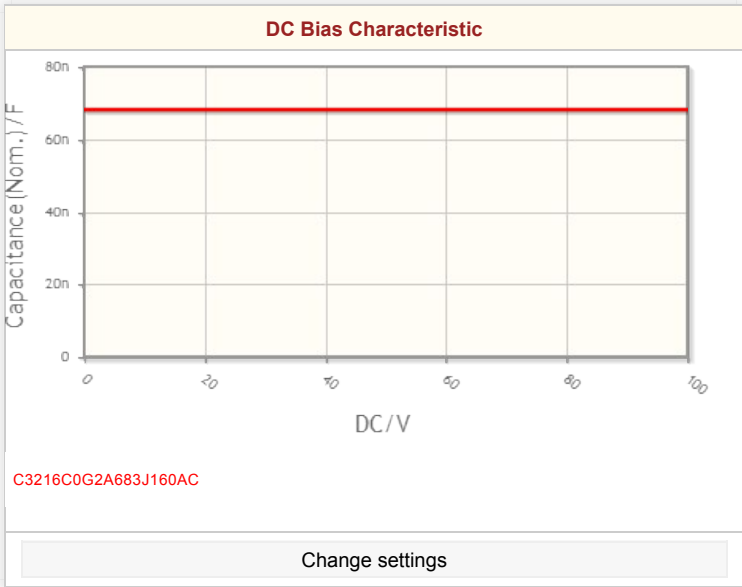
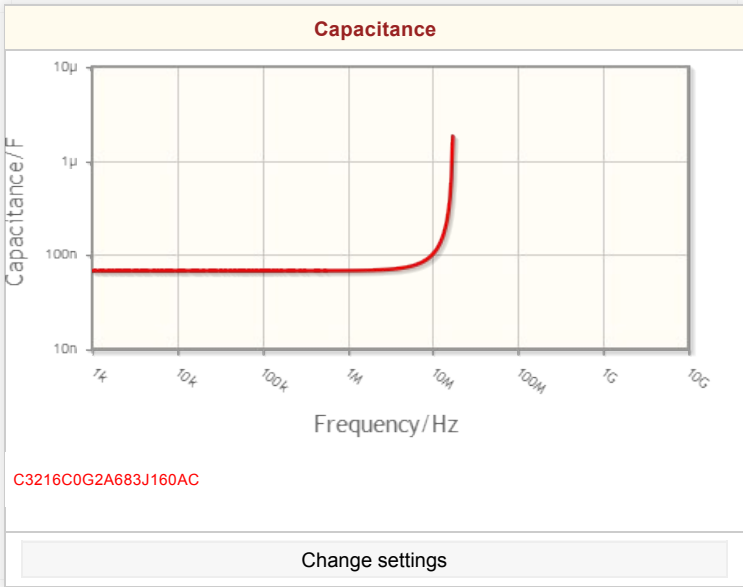
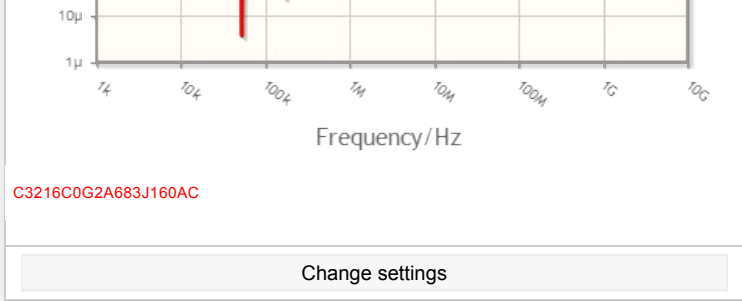
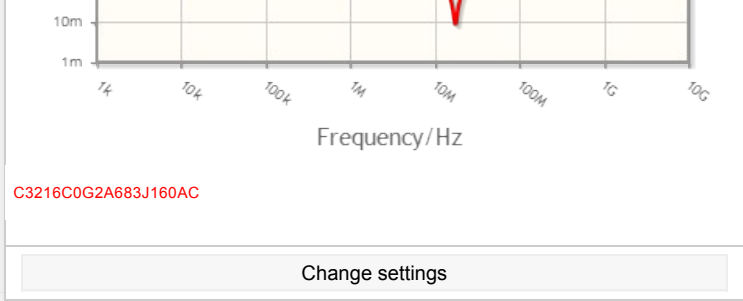
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)

Impedance



ESR





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