

Multilayer Ceramic Chip Capacitors

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Cross Reference

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Tech Notes

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FAQ

C1608C0G2A392J080AC



TDK item description C1608C0G2A392JT****

Applications



Commercial Grade

Please refer to Part No. [CGA3E1C0G2A392J080AC](#) for Automotive use.

Feature

Mid

Mid Voltage (100 to 630V)

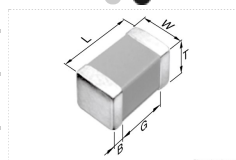
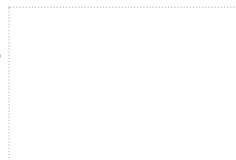
Series

C1608 [EIA 0603]

Status



Production



Images are for reference only and show exemplary products.

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Specification

RoHS Certificate

SVHC/REACH Certificate

Characterization Sheet

Promotion Video

Sample Kits

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

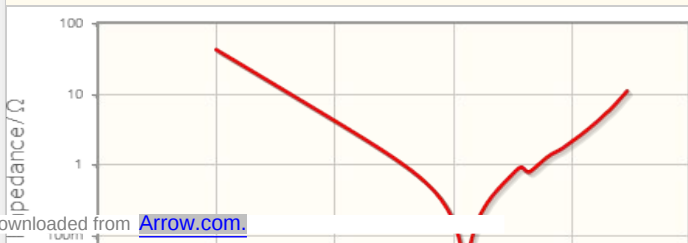
Capacitance	3.9nF ±5%
Rated Voltage	100VDC
Temperature Characteristic	C0G(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

Other

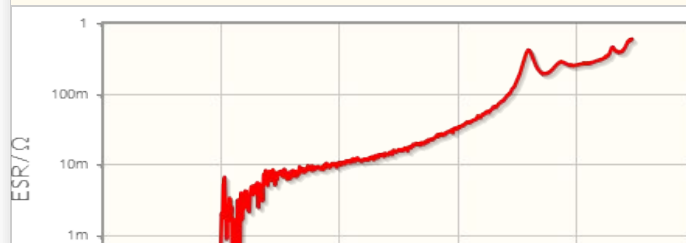
Soldering Method	Wave (Flow) Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

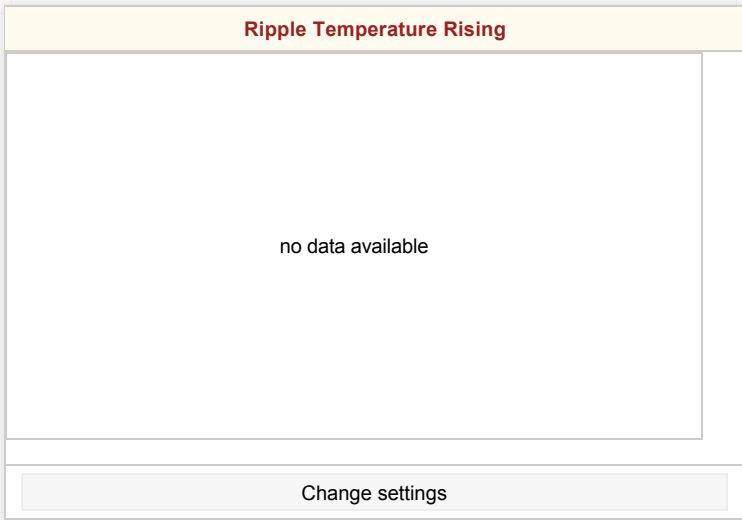
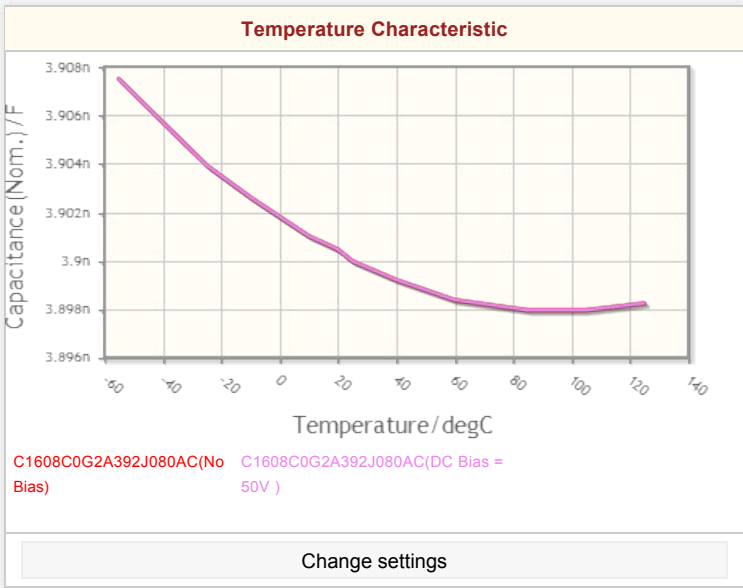
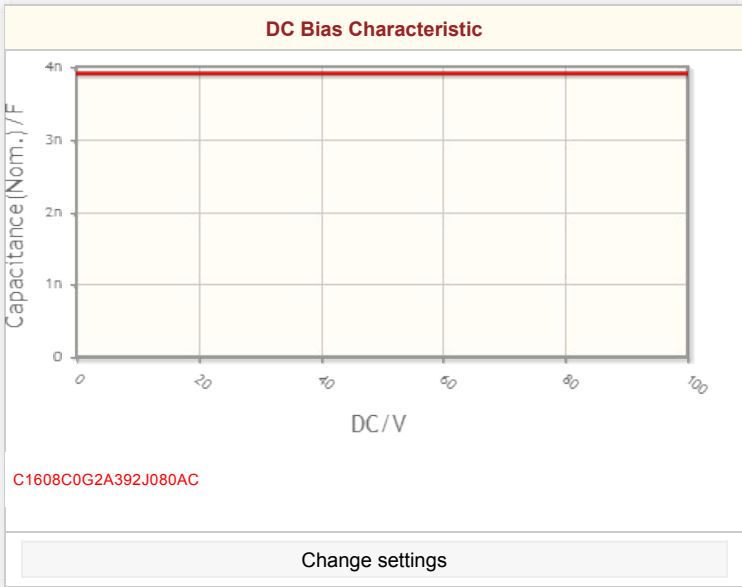
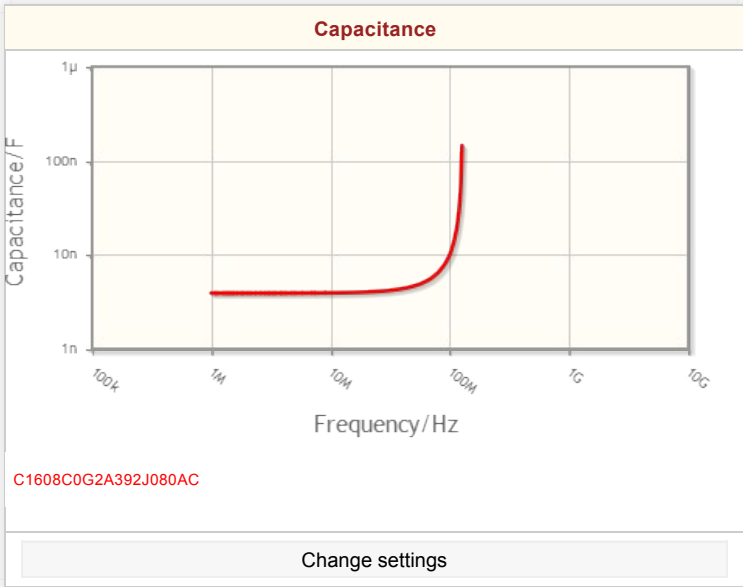
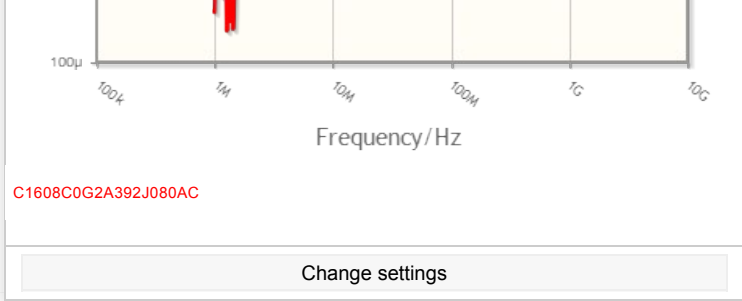
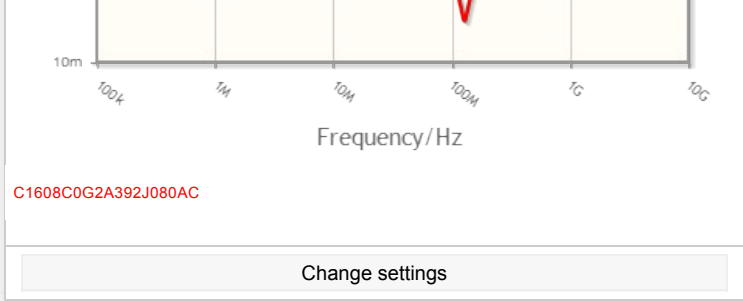
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)

Impedance



ESR





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