

TDK item description CGA4C2C0G1H103JT****

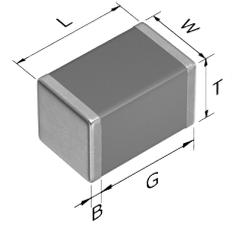
Applications Automotive Grade

Feature AEC-Q200

General (Up to 50V)

Series CGA4(2012) [EIA 0805]

Status Production



Size

| | |
|-------------------------------|------------------------------------|
| Length(L) | 2.00mm ±0.20mm |
| Width(W) | 1.25mm ±0.20mm |
| Thickness(T) | 0.60mm ±0.15mm |
| Terminal Width(B) | 0.20mm Min. |
| Terminal Spacing(G) | 0.50mm Min. |
| Recommended Land Pattern (PA) | 1.00mm to 1.30mm(Flow Soldering) |
| | 0.90mm to 1.20mm(Reflow Soldering) |
| Recommended Land Pattern (PB) | 1.00mm to 1.20mm(Flow Soldering) |
| | 0.70mm to 0.90mm(Reflow Soldering) |
| Recommended Land Pattern (PC) | 0.80mm to 1.10mm(Flow Soldering) |
| | 0.90mm to 1.20mm(Reflow Soldering) |

Electrical Characteristics

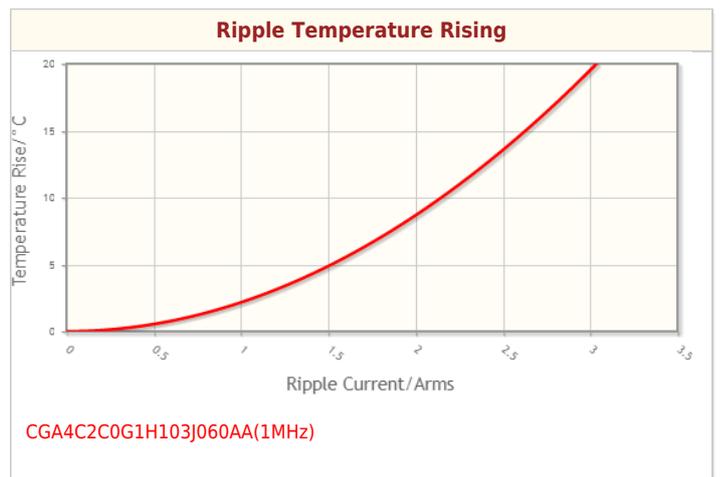
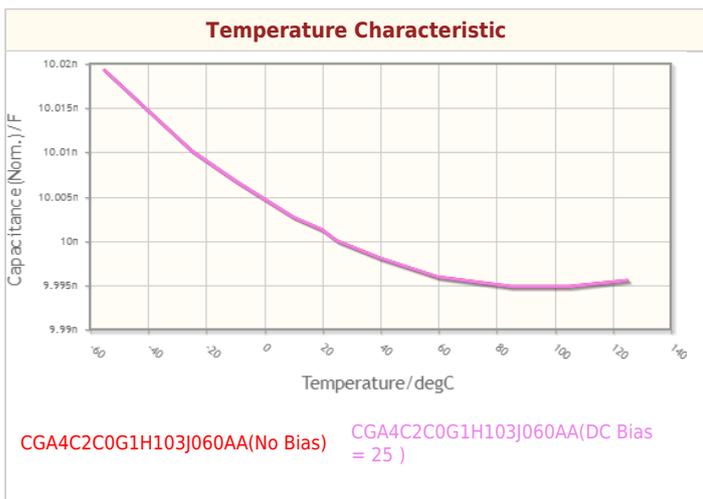
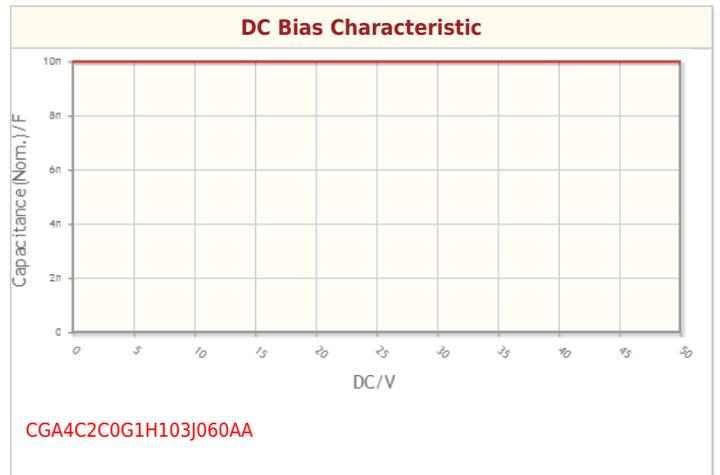
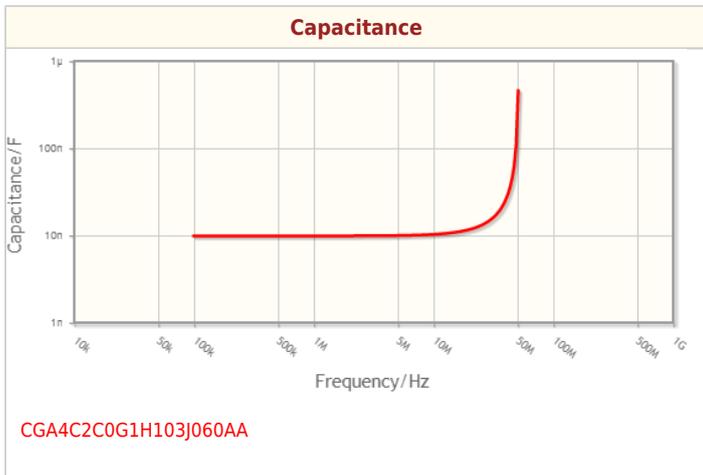
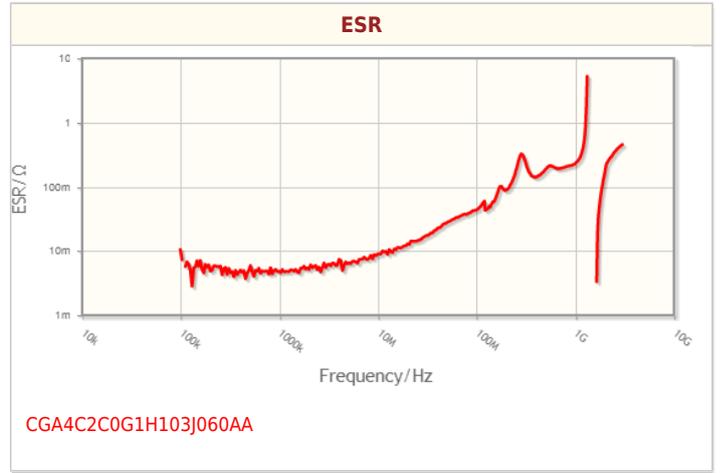
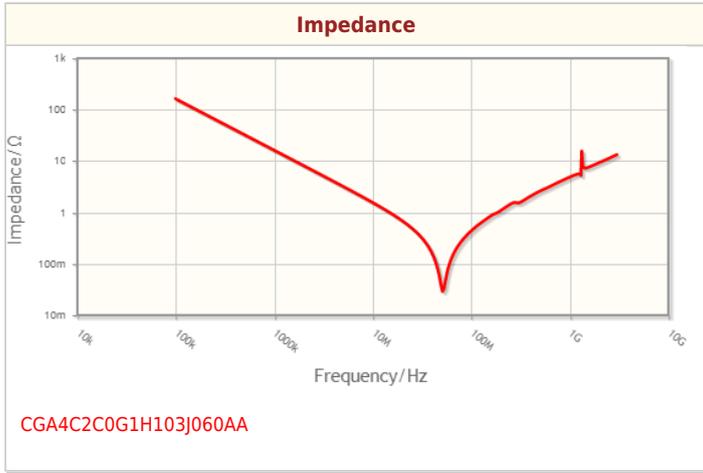
| | |
|------------------------------|-----------------|
| Capacitance | 10nF ±5% |
| Rated Voltage | 50VDC |
| Temperature Characteristic | C0G(0±30ppm/°C) |
| Q (Min.) | 1000 |
| Insulation Resistance (Min.) | 10000MΩ |

Other

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

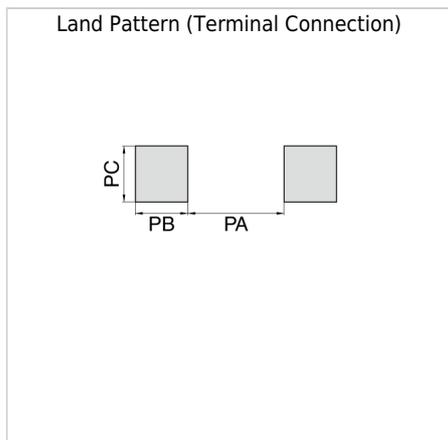
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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