



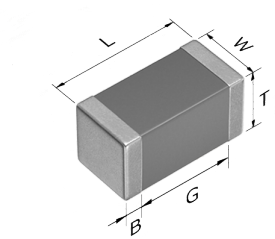


| | |
|--------------------------|---|
| Product Status | Production |
| TDK Item Description | CGA3E2C0G2A331JT**** |
| Applications | Automotive Grade |
| Feature | AEC-Q200AEC-Q200 MidMid Voltage (100 to 630V) |
| Series | CGA3(1608) [EIA 0603] |
| Brand | TDK |
| Environmental Compliance | <div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div> |



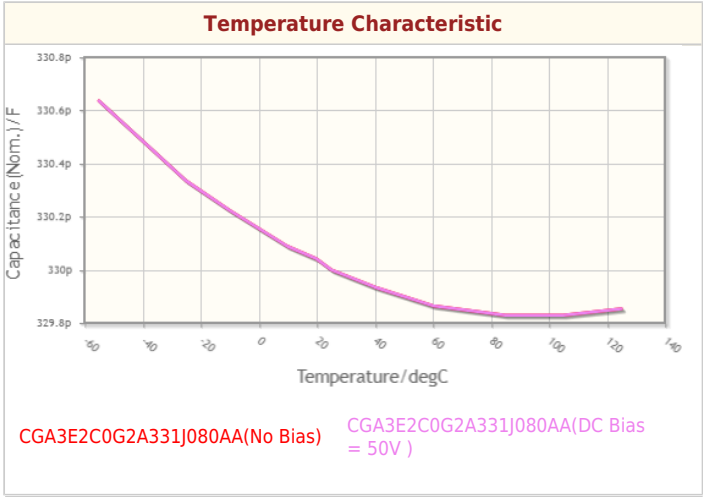
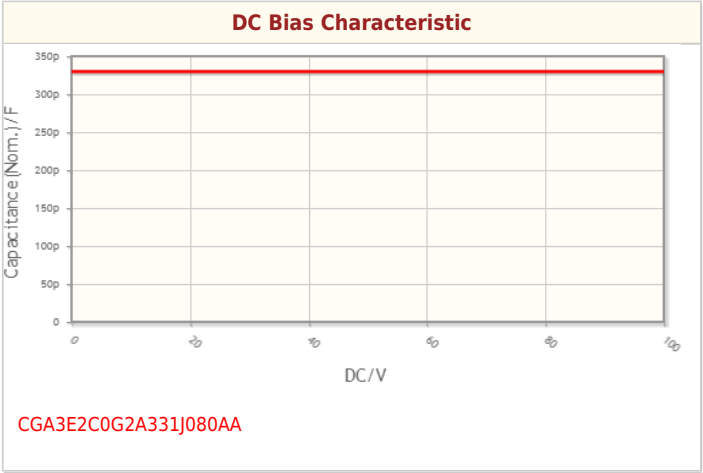
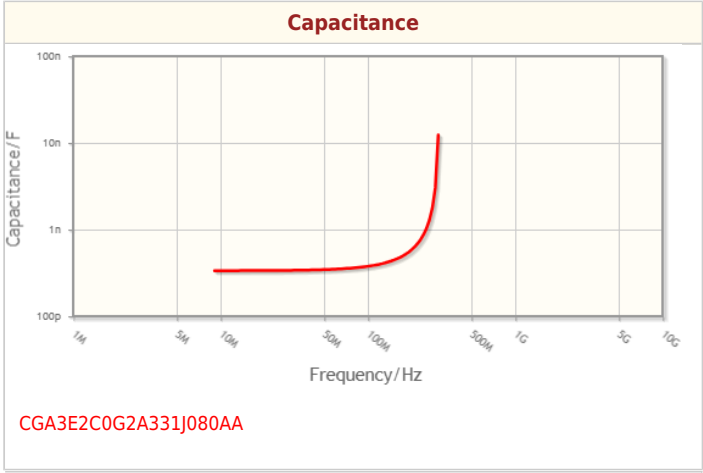
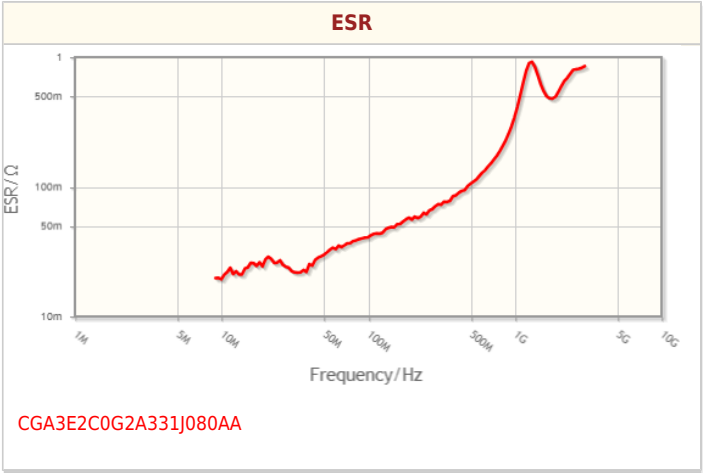
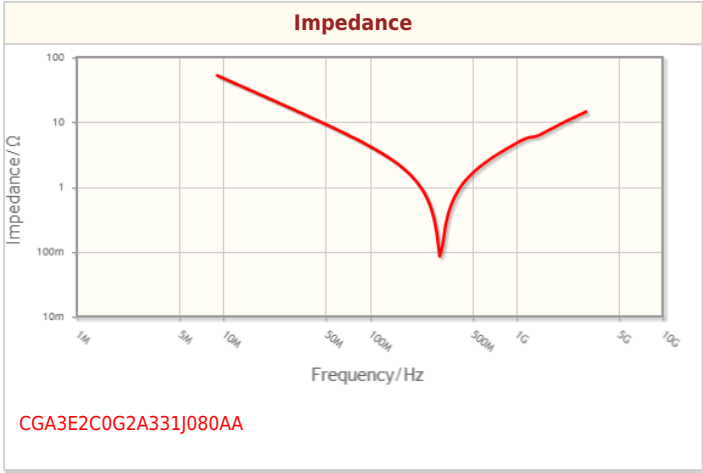
| Size | |
|-------------------------------|------------------------------------|
| Length(L) | 1.60mm ±0.10mm |
| Width(W) | 0.80mm ±0.10mm |
| Thickness(T) | 0.80mm ±0.10mm |
| Terminal Width(B) | 0.20mm Min. |
| Terminal Spacing(G) | 0.30mm Min. |
| Recommended Land Pattern (PA) | 0.70mm to 1.00mm(Flow 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 | 330pF ±5% |
| Rated Voltage | 100VDC |
| Temperature Characteristic | C0G(0±30ppm/°C) |
| Q (Min.) | 1000 |
| Insulation Resistance (Min.) | 10000MΩ |

| Other | |
|-----------------------|------------------------------------|
| Operating Temp. Range | -55 to 125°C |
| Soldering Method | Wave (Flow) |
| | Reflow |
| AEC-Q200 | YES |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 4000pcs |

! 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.

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



Associated Images

