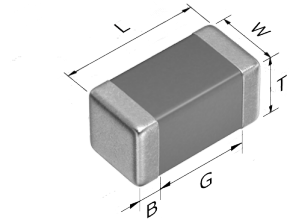


| | |
|--------------------------|---|
| Product Status | Obsolete |
| | Discontinue Issue Date : May.11, 2023 |
| | Last Purchase Order Date : Jan.31, 2025 |
| | Last Shipment Date : Mar.31, 2025 |
| TDK Item Description | C0603C0G1H4R7CT**** |
| Applications | Commercial Grade |
| | Please refer to Part No. CGA1A2C0G1H4R7C030BA for Automotive use. |
| Feature | GeneralGeneral (Up to 75V) |
| Series | C0603 [EIA 0201] |
| Brand | TDK |
| Environmental Compliance | <div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div> |



| Size | |
|-------------------------------|------------------|
| Length(L) | 0.60mm ±0.03mm |
| Width(W) | 0.30mm ±0.03mm |
| Thickness(T) | 0.30mm ±0.03mm |
| Terminal Width(B) | 0.10mm Min. |
| Terminal Spacing(G) | 0.20mm Min. |
| Recommended Land Pattern (PA) | 0.25mm to 0.35mm |
| Recommended Land Pattern (PB) | 0.20mm to 0.30mm |
| Recommended Land Pattern (PC) | 0.25mm to 0.35mm |

| Electrical Characteristics | |
|------------------------------|-----------------|
| Capacitance | 4.7pF ±0.25pF |
| Rated Voltage | 50VDC |
| Temperature Characteristic | C0G(0±30ppm/°C) |
| Q (Min.) | 494 |
| Insulation Resistance (Min.) | 10000MΩ |

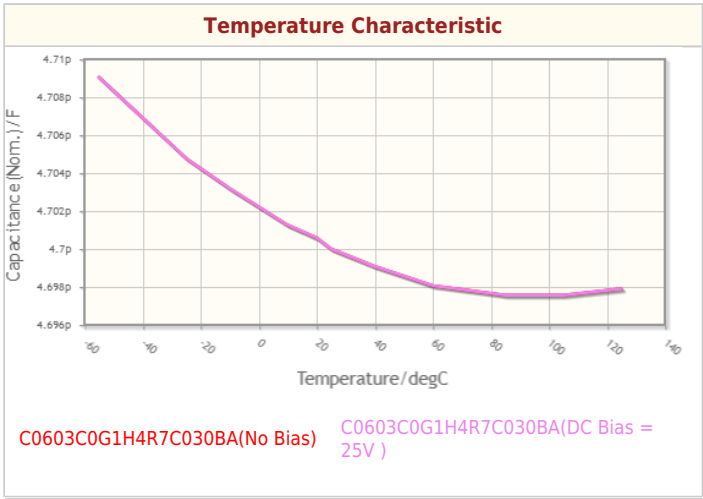
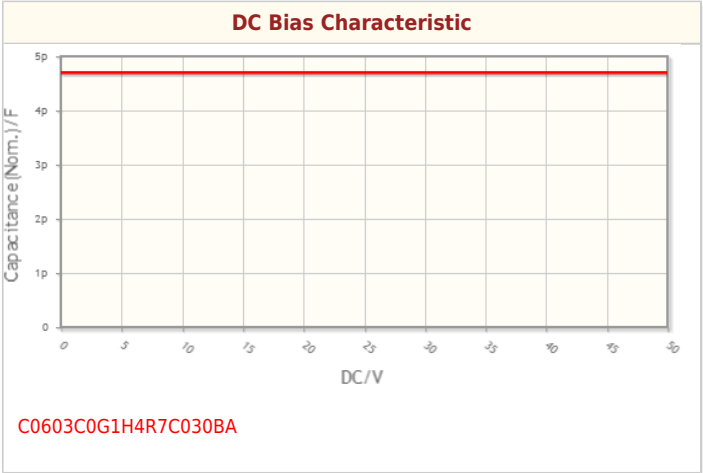
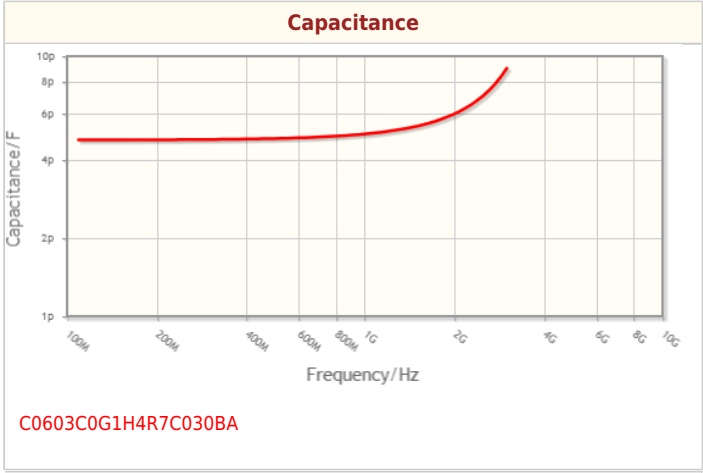
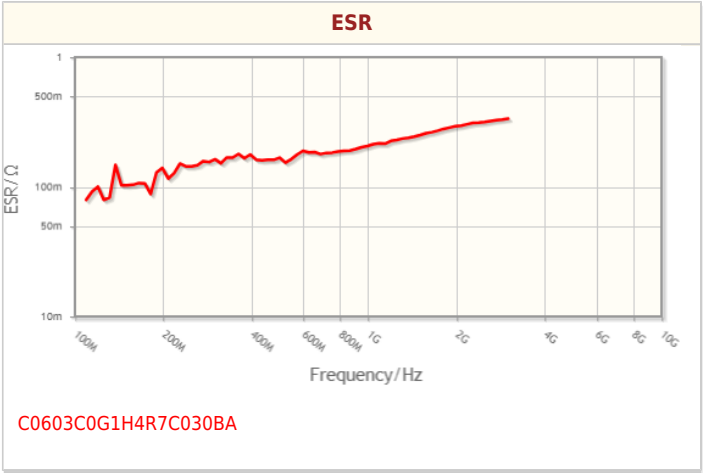
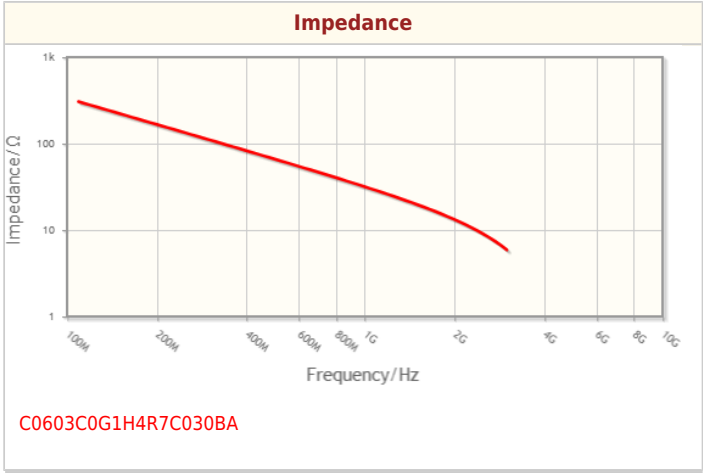
| Other | |
|-----------------------|------------------------------------|
| Operating Temp. Range | -55 to 125°C |
| Soldering Method | Reflow |
| AEC-Q200 | NO |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 15000pcs |

! 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

