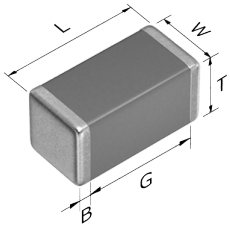


TDK item description C1005C0G1E102JT\*\*\*\*

|              |                                                                                                                                                                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications |  Commercial Grade                                                                                                                                            |
| Feature      | <b>General</b> General (Up to 75V)                                                                                                                                                                                                            |
| Series       | C1005 [EIA 0402]                                                                                                                                                                                                                              |
| Status       |  Production (Not Recommended for New Design)<br>Recommended Alternate Part No. : <a href="#">C1005C0G1H102J050BA</a> (Interchangeability is not guaranteed.) |
| Brand        | TDK                                                                                                                                                                                                                                           |

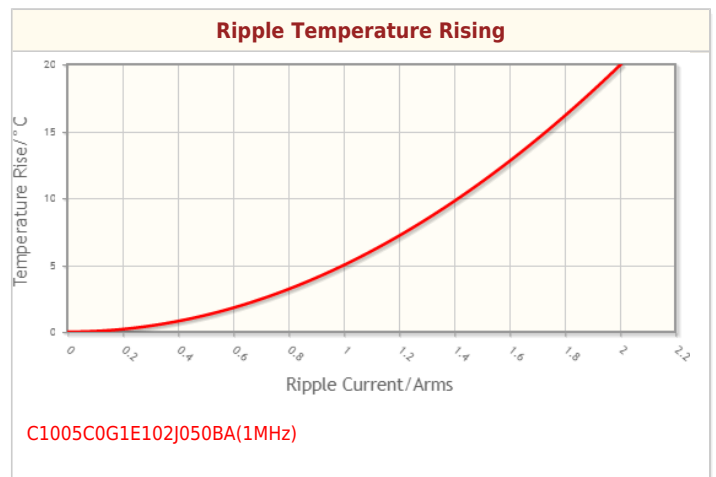
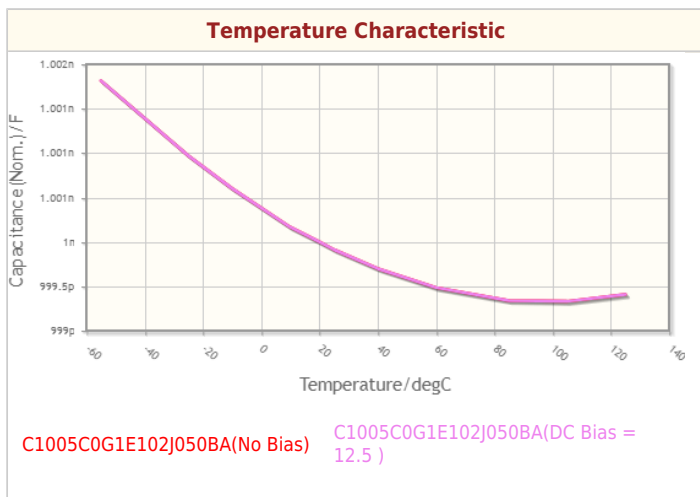
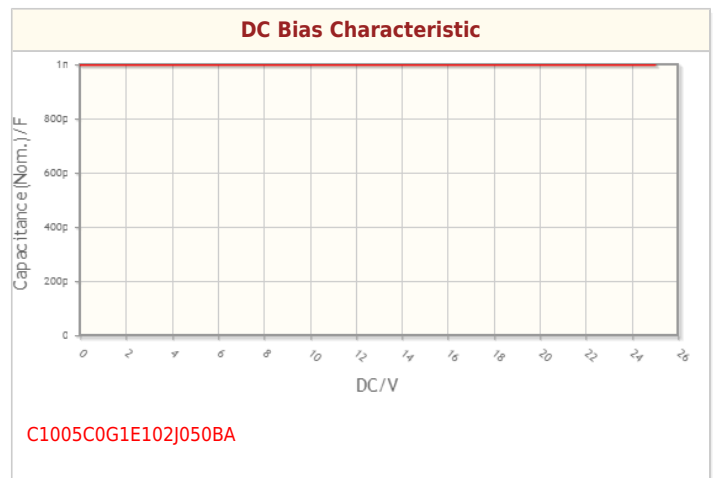
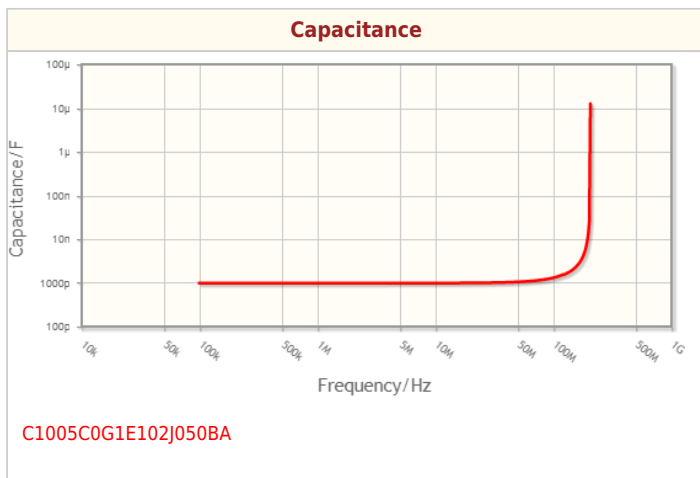
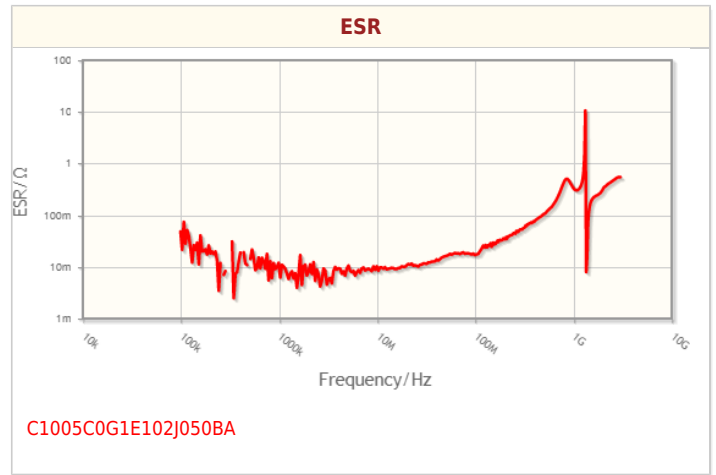
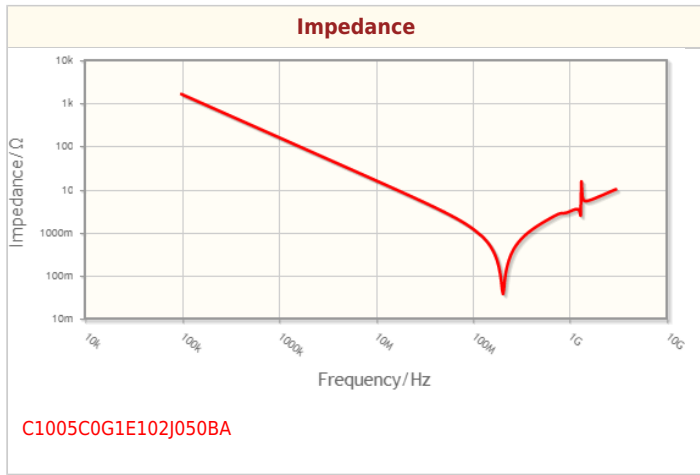


| Size                          |                  |
|-------------------------------|------------------|
| Length(L)                     | 1.00mm ±0.05mm   |
| Width(W)                      | 0.50mm ±0.05mm   |
| Thickness(T)                  | 0.50mm ±0.05mm   |
| Terminal Width(B)             | 0.10mm Min.      |
| Terminal Spacing(G)           | 0.30mm Min.      |
| Recommended Land Pattern (PA) | 0.30mm to 0.50mm |
| Recommended Land Pattern (PB) | 0.35mm to 0.45mm |
| Recommended Land Pattern (PC) | 0.40mm to 0.60mm |

| Electrical Characteristics   |                 |
|------------------------------|-----------------|
| Capacitance                  | 1nF ±5%         |
| Rated Voltage                | 25VDC           |
| Temperature Characteristic   | C0G(0±30ppm/°C) |
| Q (Min.)                     | 1000            |
| Insulation Resistance (Min.) | 10000MΩ         |

| Other            |                                    |
|------------------|------------------------------------|
| Soldering Method | Reflow                             |
| AEC-Q200         | NO                                 |
| Packing          | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 10000pcs                           |

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



# Associated Images

