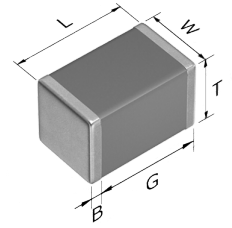


**TDK item description** C2012C0G2A102JT\*\*\*\*

|                     |   |
|---------------------|---|
| <b>Applications</b> | Commercial Grade<br>Please refer to Part No. <a href="#">CGA4C2C0G2A102J060AA</a> for Automotive use. |
| <b>Feature</b>      | Mid Voltage (100 to 630V)   |
| <b>Series</b>       | C2012 [EIA 0805]  |
| <b>Status</b>       | Production  |



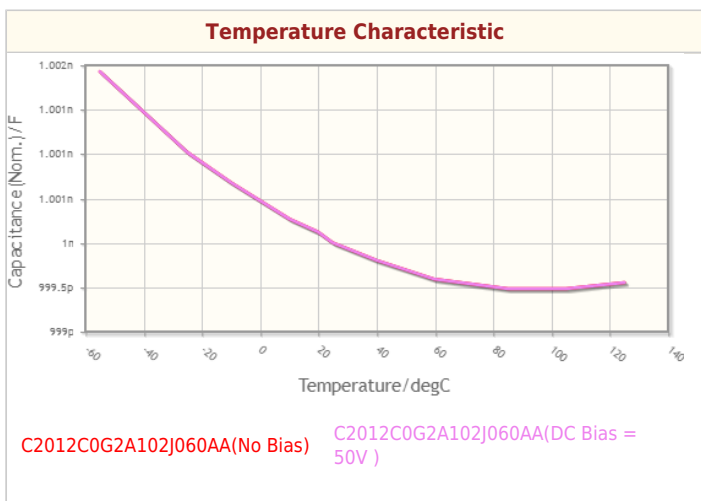
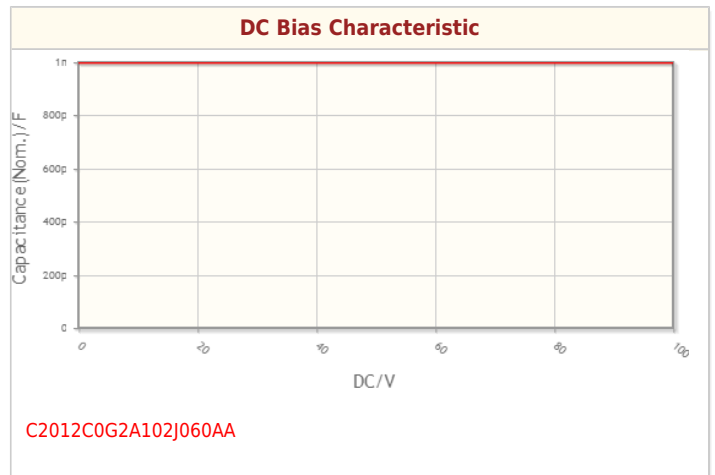
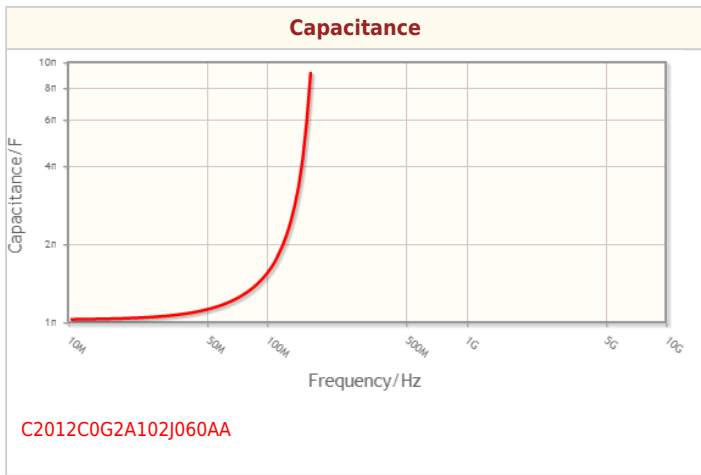
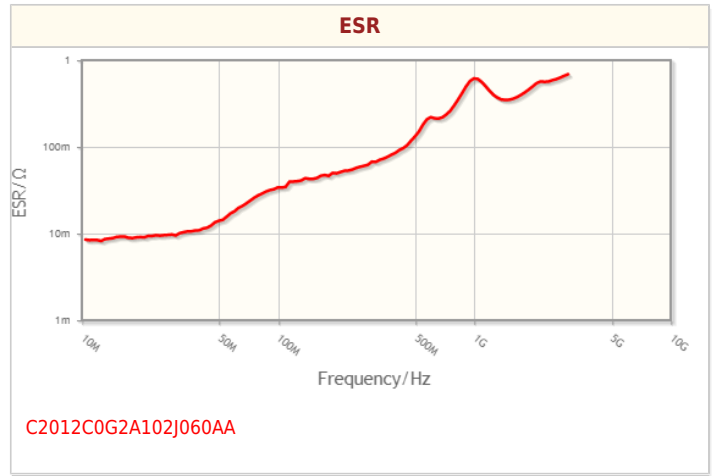
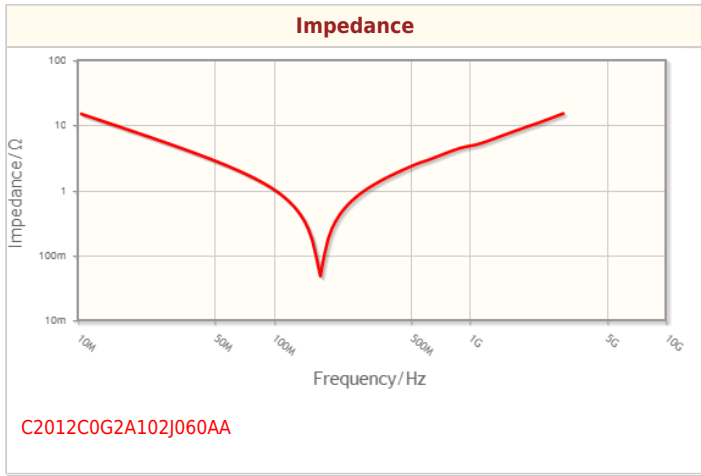
| Size                          |                                    |
|-------------------------------|------------------------------------|
| Length(L)                     | 2.00mm ±0.20mm                     |
| Width(W)                      | 1.25mm ±0.20mm                     |
| Thickness(T)                  | 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                  | 1nF ±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                            |

! 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.)



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## Associated Images

