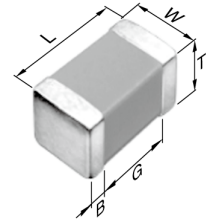


CGJ5L4C0G2H272J160AA



**TDK item description** CGJ5L4C0G2H272JT\*\*\*\*

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Applications</b> | High Reliability Grade                |
| <b>Feature</b>      | Mid Voltage (100 to 630V)<br>AEC-Q200 |
| <b>Series</b>       | CGJ5(3216) [EIA 1206]                 |
| <b>Status</b>       | Production                            |



Dimensions in mm

| Size                          |  |
|-------------------------------|--|
| Length(L)                     | 3.20mm ±0.20mm   |
| Width(W)                      | 1.60mm ±0.20mm   |
| Thickness(T)                  | 1.60mm ±0.20mm   |
| Terminal Width(B)             | 0.20mm Min.  |
| Terminal Spacing(G)           | 1.00mm Min.  |
| Recommended Land Pattern (PA) | 2.10mm to 2.50mm(Flow Soldering)<br>2.00mm to 2.40mm(Reflow Soldering) |
| Recommended Land Pattern (PB) | 1.10mm to 1.30mm(Flow Soldering)<br>1.00mm to 1.20mm(Reflow Soldering) |
| Recommended Land Pattern (PC) | 1.00mm to 1.30mm(Flow Soldering)<br>1.10mm to 1.60mm(Reflow Soldering) |

| Electrical Characteristics   |                 |
|------------------------------|-----------------|
| Capacitance                  | 2.7nF ±5%       |
| Rated Voltage                | 500VDC          |
| Temperature Characteristic   | C0G(0±30ppm/°C) |
| Q (Min.)                     | 1000            |
| Insulation Resistance (Min.) | 10000MΩ         |

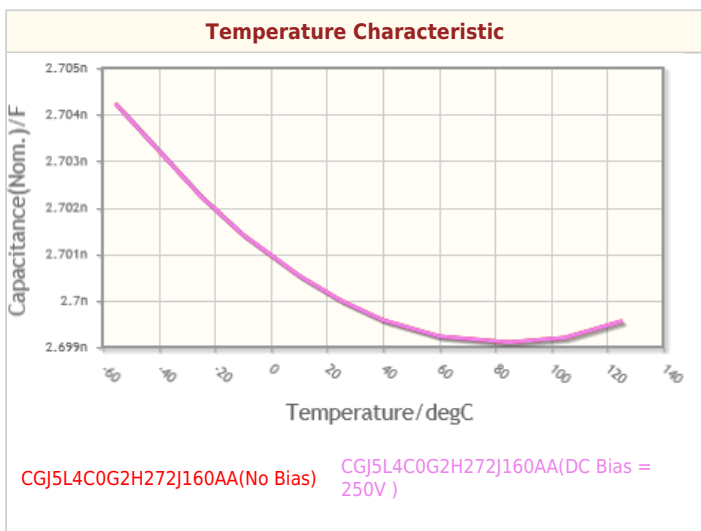
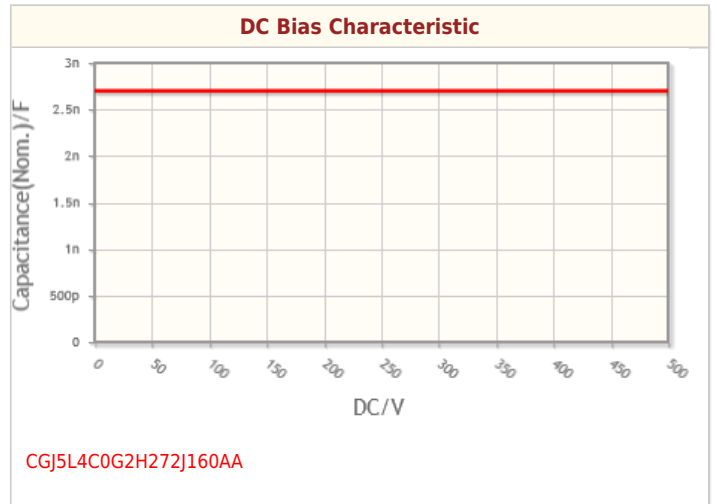
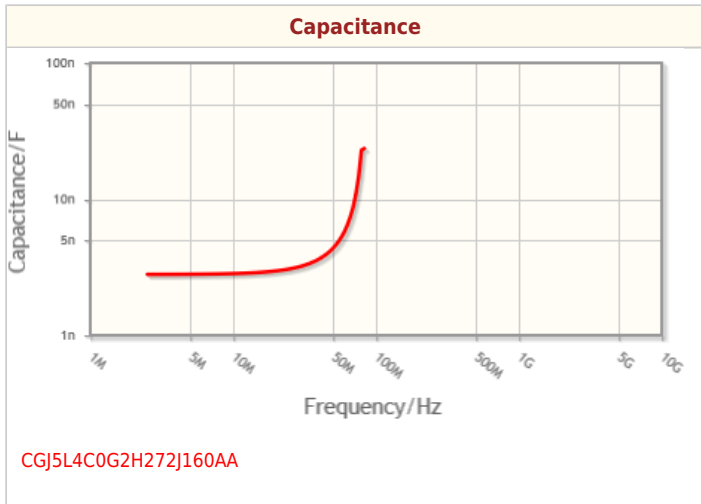
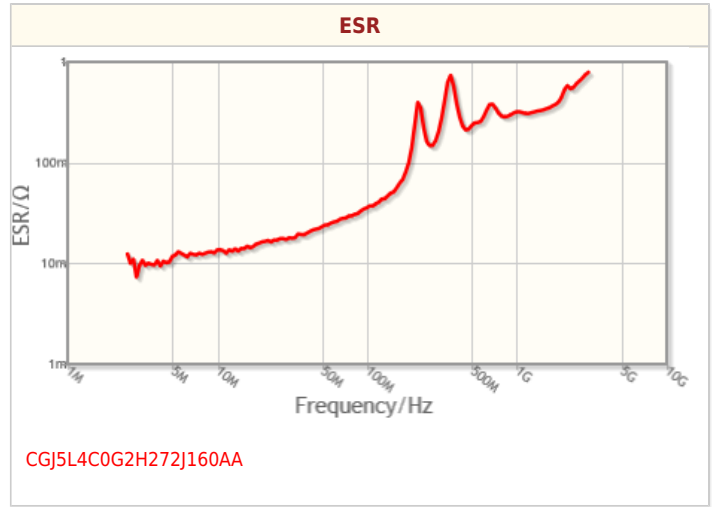
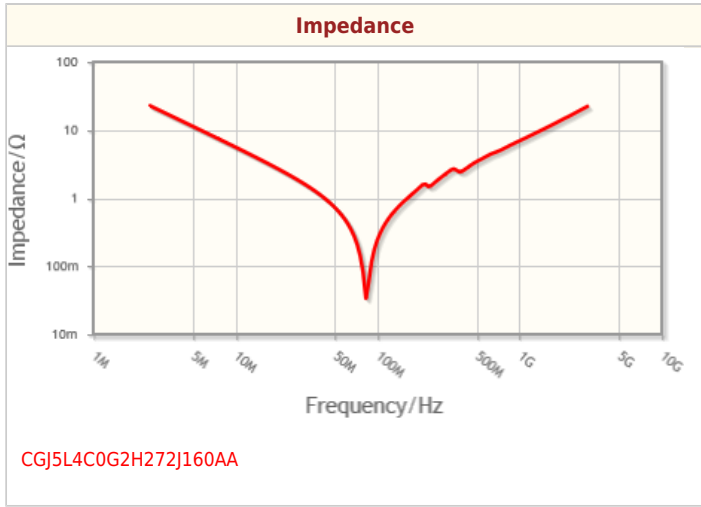
| Other            |                                      |
|------------------|--------------------------------------|
| Soldering Method | Wave (Flow)<br>Reflow                |
| AEC-Q200         | Yes                                  |
| Packing          | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 2000pcs                              |

! 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.

CGJ5L4C0G2H272J160AA



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



! 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.



## Associated Images

