

CGA2B2C0G1H102J050BE

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TDK item description CGA2B2C0G1H102JT***S

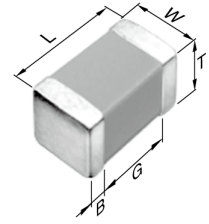
Applications Automotive Grade

Feature Soft Termination

AEC-Q200

Series CGA2(1005) [EIA 0402]

Status Production



Dimensions in mm

Size

| | |
|-------------------------------|----------------------|
| Length(L) | 1.00mm +0.15,-0.05mm |
| Width(W) | 0.50mm +0.10,-0.05mm |
| Thickness(T) | 0.50mm +0.10,-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 | 50VDC |
| Temperature Characteristic | C0G(0±30ppm/°C) |
| Q (Min.) | 1000 |
| Insulation Resistance (Min.) | 10000MΩ |

Other

| | |
|------------------|------------------------------------|
| Soldering Method | Reflow |
| AEC-Q200 | Yes |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 10000pcs |

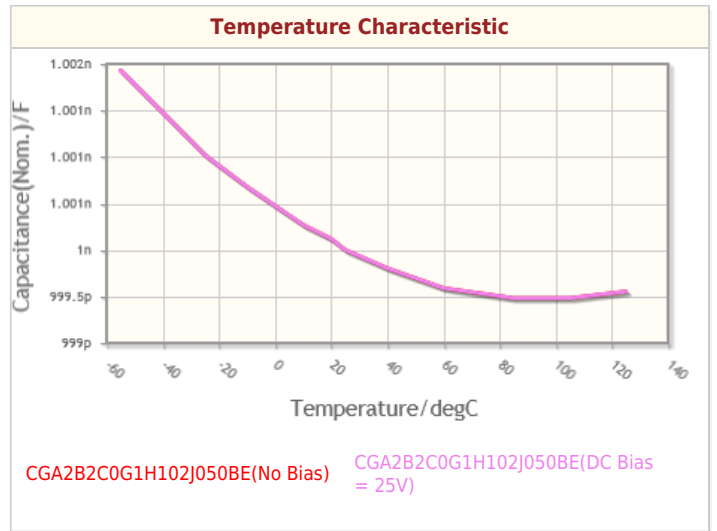
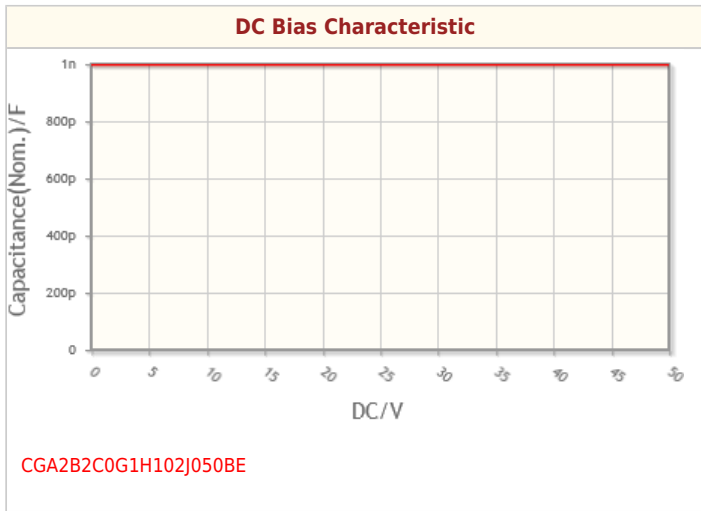
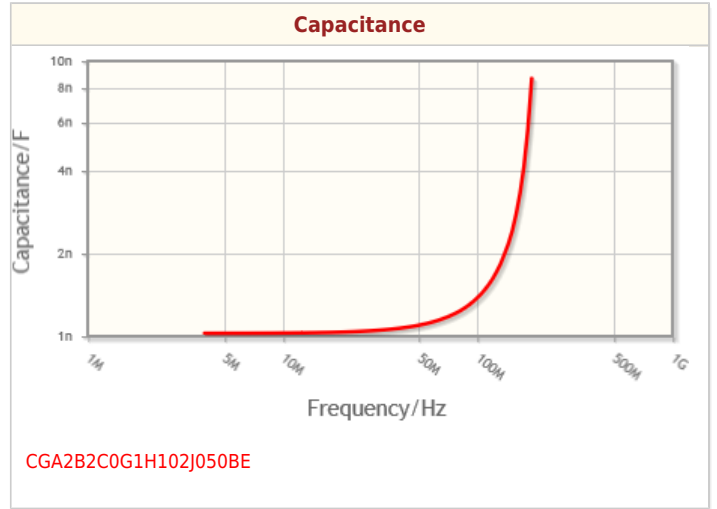
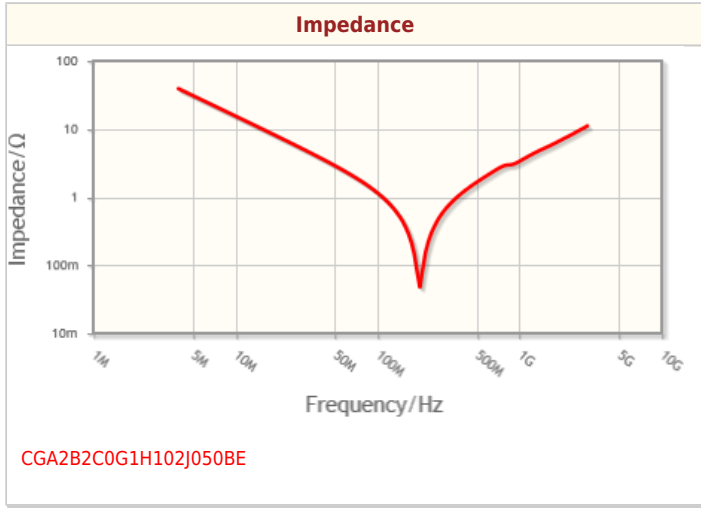
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



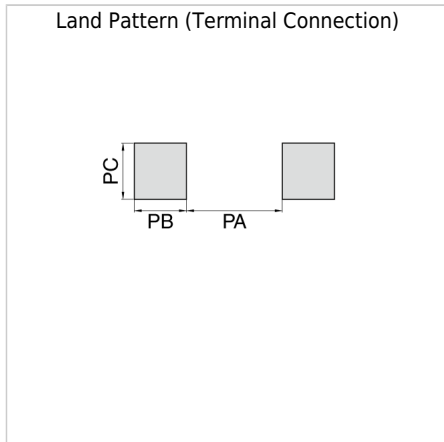
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Associated Images



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