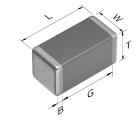


Multilayer Ceramic Chip Capacitors

CGA2B2C0G1H101J050BD

| Product Status | Production | |
|--------------------------|---|--|
| TDK Item Description | CGA2B2C0G1H101JT***B | |
| Applications | Automotive Grade | |
| Feature | AEC-Q200AEC-Q200 GlueConductive Epoxy Application | |
| Series | CGA2(1005) [EIA 0402] | |
| Brand | TDK | |
| Environmental Compliance | ROHS REACH Halogen Free Lead Free | |



| | Size | |
|-------------------------------|----------------|--|
| Length(L) | 1.00mm ±0.15mm | |
| Width(W) | 0.50mm ±0.10mm | |
| Thickness(T) | 0.50mm ±0.10mm | |
| Terminal Width(B) | 0.10mm Min. | |
| Terminal Spacing(G) | 0.30mm Min. | |
| Recommended Land Pattern (PA) | | |
| Recommended Land Pattern (PB) | | |
| Recommended Land Pattern (PC) | | |

| Electrical Characteristics | | |
|------------------------------|-----------------|--|
| Capacitance | 100pF ±5% | |
| Rated Voltage | 50VDC | |
| Temperature Characteristic | COG(0±30ppm/°C) | |
| Q (Min.) | 1000 | |
| Insulation Resistance (Min.) | 10000ΜΩ | |

| | Other |
|-----------------------|------------------------------------|
| Operating Temp. Range | -55 to 125°C |
| Soldering Method | Conductive Epoxy |
| AEC-Q200 | YES |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 10000pcs |

[!] Images are for reference only and show exemplary products.

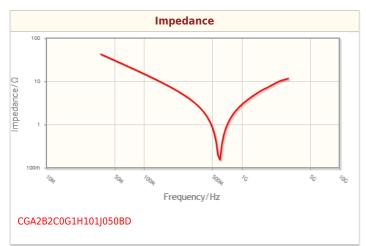
[!] This PDF document was created based on the data listed on the TDK Corporation website. ! All specifications are subject to change without notice.

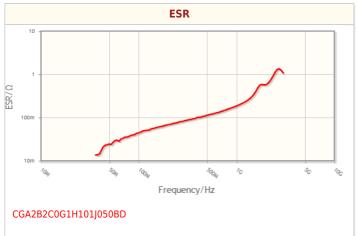


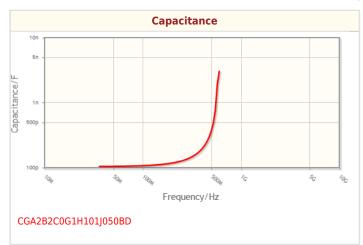
Multilayer Ceramic Chip Capacitors

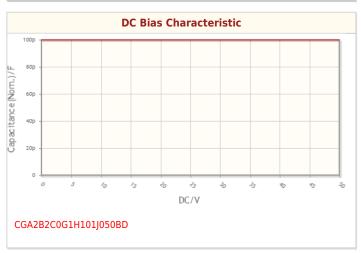
CGA2B2C0G1H101J050BD

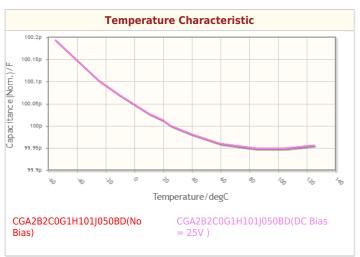
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)











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