

CGA7K1X7R3D102M130KE



TDK item description CGA7K1X7R3D102MT***S

Applications Automotive Grade

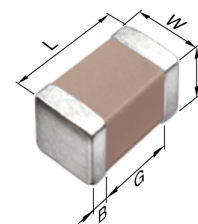
Feature High High Voltage (1000V and over)

Soft Soft Termination

AEC-Q200 AEC-Q200

Series CGA7(4520) [EIA 1808]

Status Production



Dimensions in mm

| Size | |
|-------------------------------|----------------------|
| Length(L) | 4.50mm +0.50,-0.40mm |
| Width(W) | 2.00mm +0.30,-0.20mm |
| Thickness(T) | 1.30mm ±0.20mm |
| Terminal Width(B) | 0.20mm Min. |
| Terminal Spacing(G) | |
| Recommended Land Pattern (PA) | 3.10mm to 3.70mm |
| Recommended Land Pattern (PB) | 1.20mm to 1.40mm |
| Recommended Land Pattern (PC) | 1.50mm to 2.00mm |
| Recommended Slit Pattern (SD) | 1.00mm to 1.30mm |

| Electrical Characteristics | |
|------------------------------|-----------|
| Capacitance | 1nF ±20% |
| Rated Voltage | 2kVDC |
| Temperature Characteristic | X7R(±15%) |
| Dissipation Factor (Max.) | 3% |
| Insulation Resistance (Min.) | 10000MΩ |

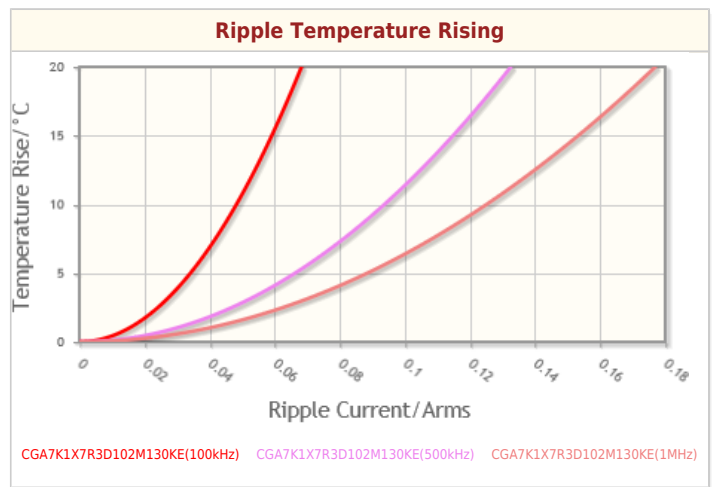
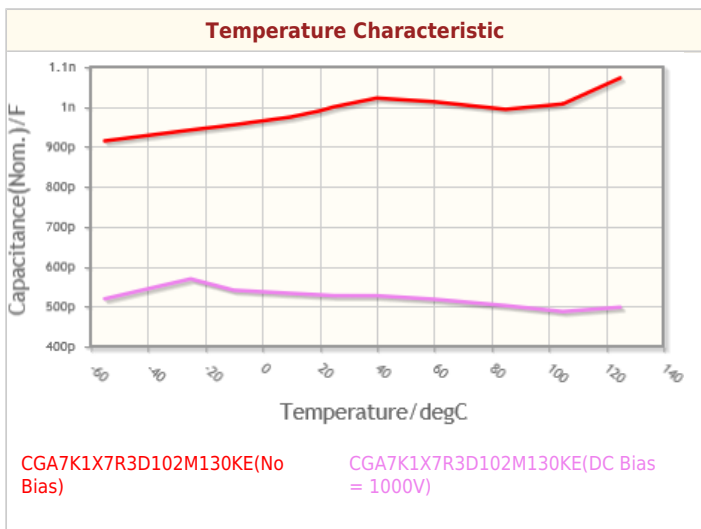
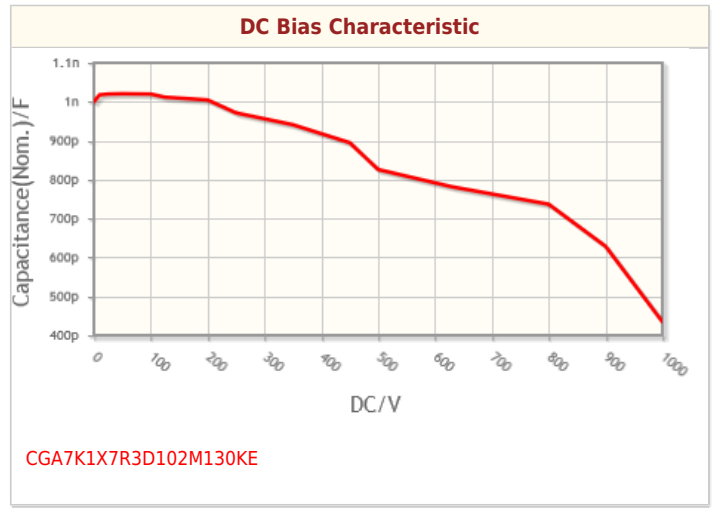
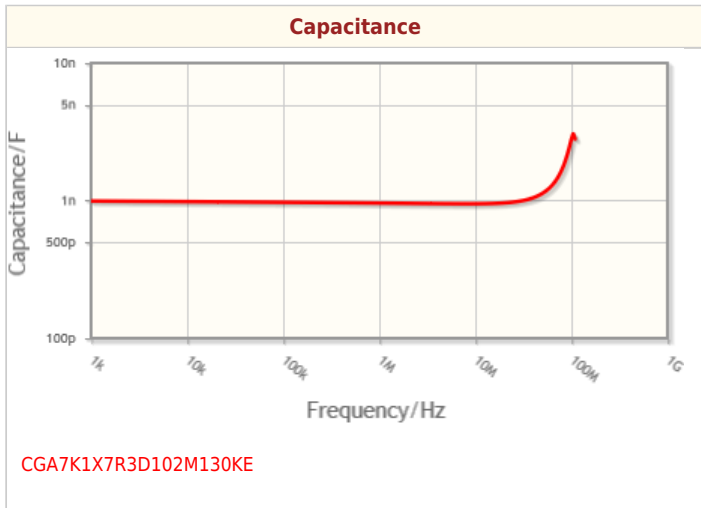
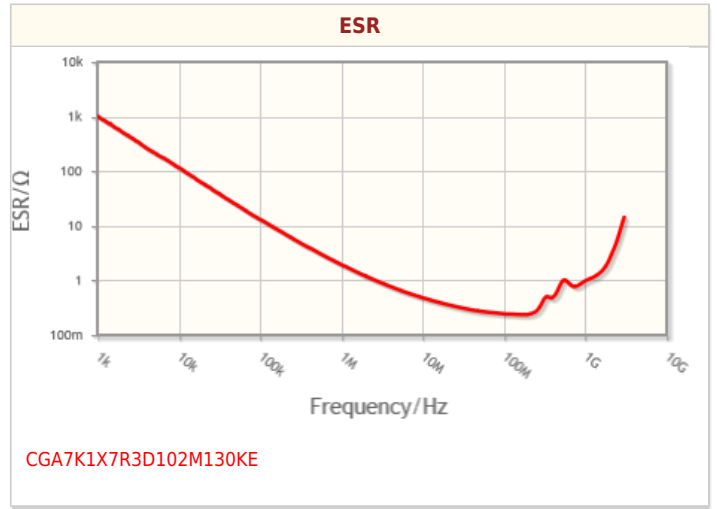
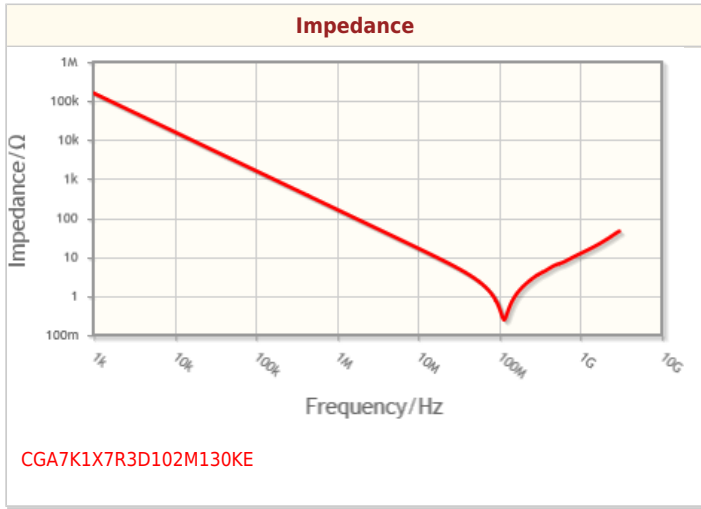
| Other | |
|------------------|--------------------------------------|
| Soldering Method | Reflow |
| AEC-Q200 | Yes |
| Packing | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 1000pcs |

! 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.

CGA7K1X7R3D102M130KE



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

