

CGA4J3X7R1C155M125AB



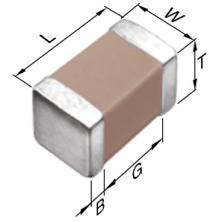
TDK item description CGA4J3X7R1C155MT****

Applications Automotive Grade

Feature General General (Up to 50V)
AEC-Q200 AEC-Q200

Series CGA4(2012) [EIA 0805]

Status Production



Dimensions in mm

Size

| | |
|-------------------------------|------------------------------------|
| Length(L) | 2.00mm ±0.20mm |
| Width(W) | 1.25mm ±0.20mm |
| Thickness(T) | 1.25mm ±0.20mm |
| 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 | 1.5µF ±20% |
| Rated Voltage | 16VDC |
| Temperature Characteristic | X7R(±15%) |
| Dissipation Factor (Max.) | 7.5% |
| Insulation Resistance (Min.) | 66MΩ |

Other

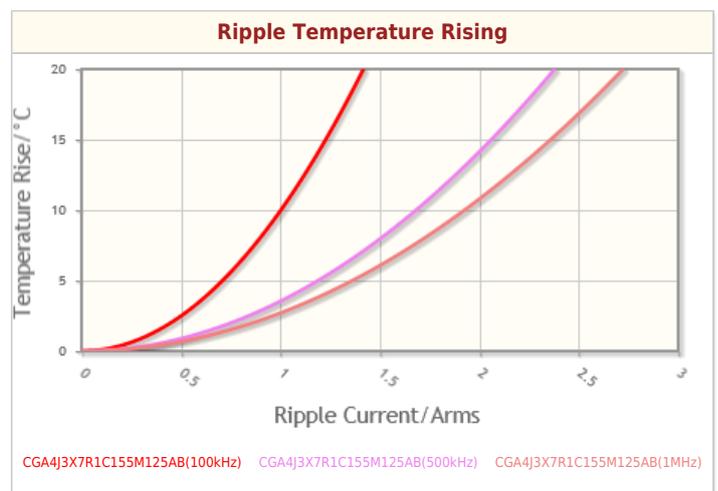
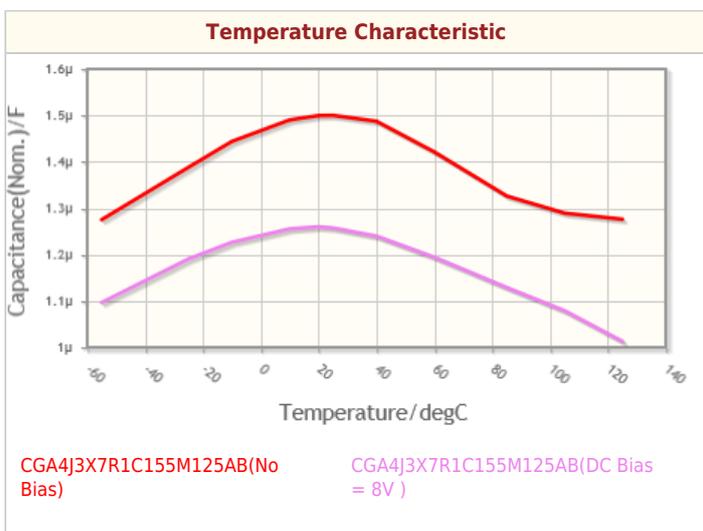
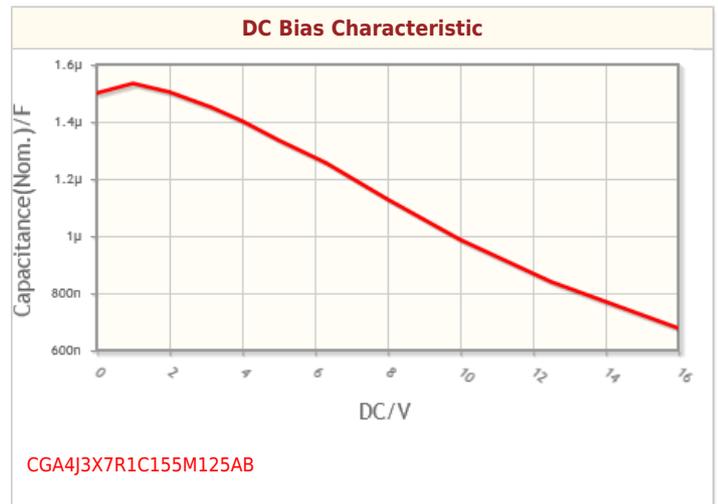
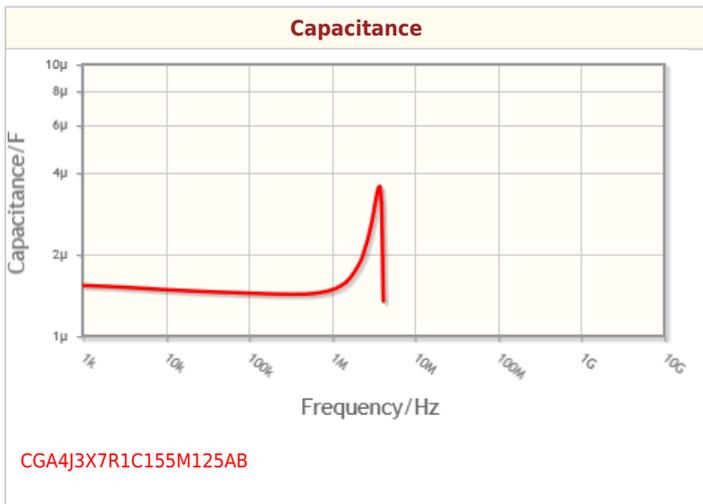
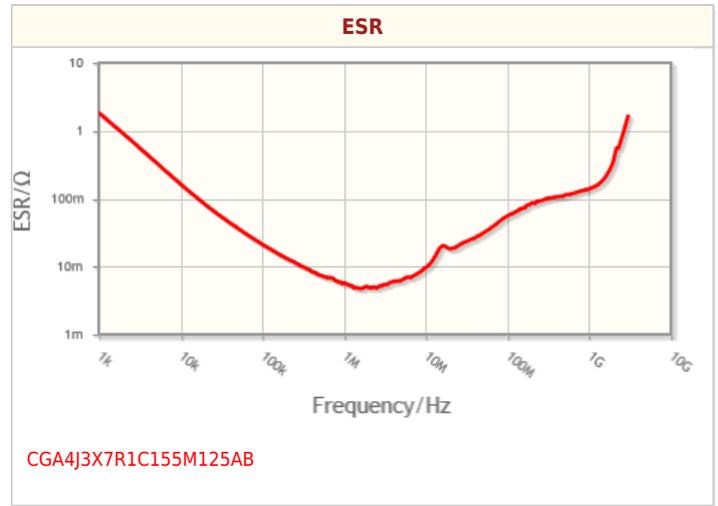
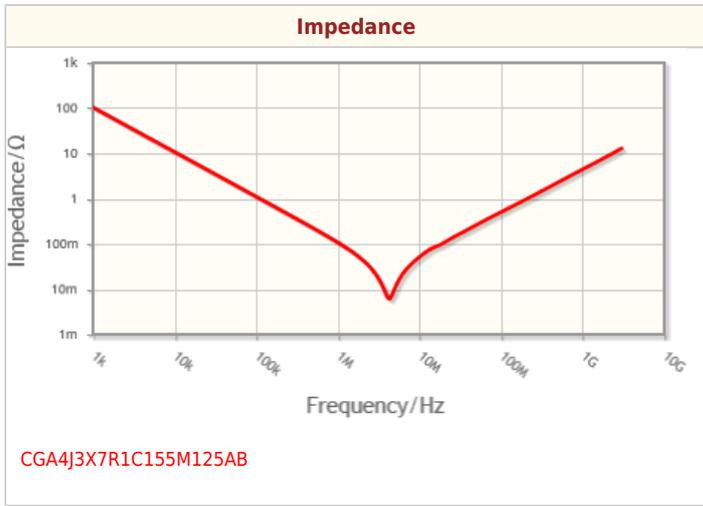
| | |
|------------------|--------------------------------------|
| Soldering Method | Wave (Flow) |
| | Reflow |
| AEC-Q200 | Yes |
| Packing | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 2000pcs |

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! All specifications are subject to change without notice.

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

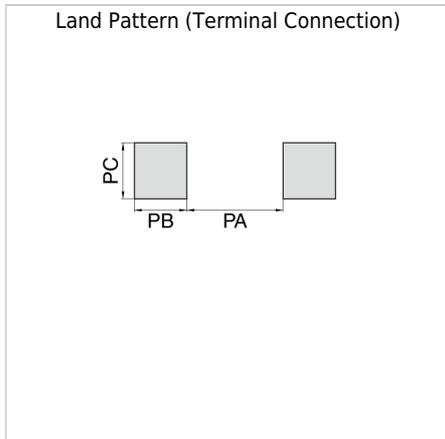


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Associated Images



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