

TDK item description CGA8M3X7R1H475KT****

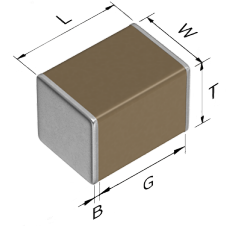
Applications Automotive Grade

Feature AEC-Q200

General (Up to 50V)

Series CGA8(4532) [EIA 1812]

Status Production



Size

| | |
|-------------------------------|------------------|
| Length(L) | 4.50mm ±0.40mm |
| Width(W) | 3.20mm ±0.40mm |
| Thickness(T) | 2.00mm ±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) | 2.40mm to 3.20mm |

Electrical Characteristics

| | |
|------------------------------|------------|
| Capacitance | 4.7μF ±10% |
| Rated Voltage | 50VDC |
| Temperature Characteristic | X7R(±15%) |
| Dissipation Factor (Max.) | 5% |
| Insulation Resistance (Min.) | 106MΩ |

Other

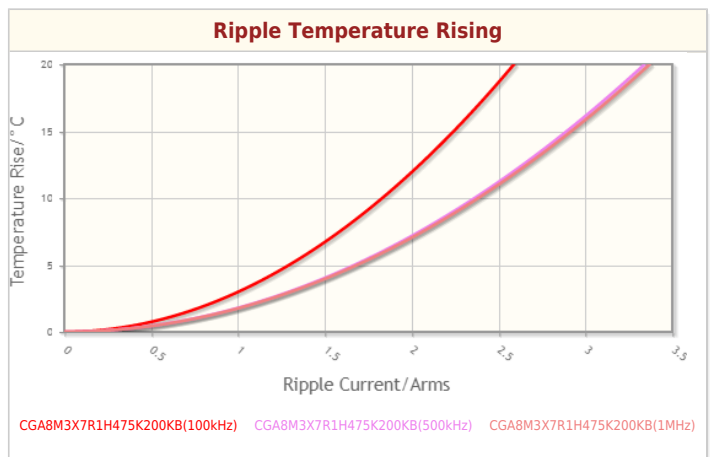
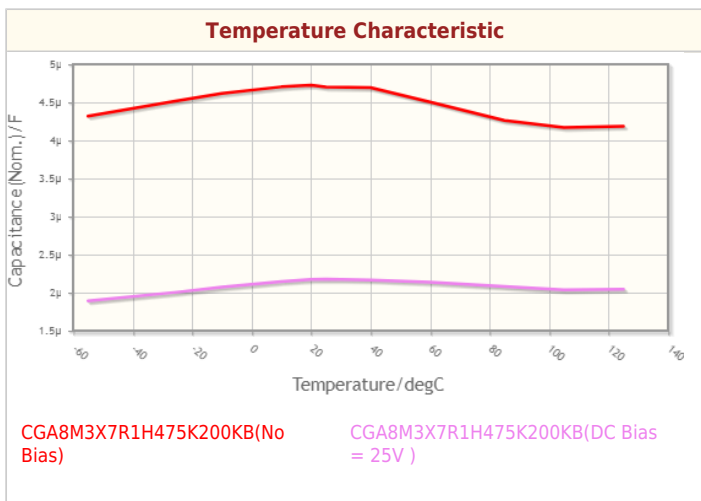
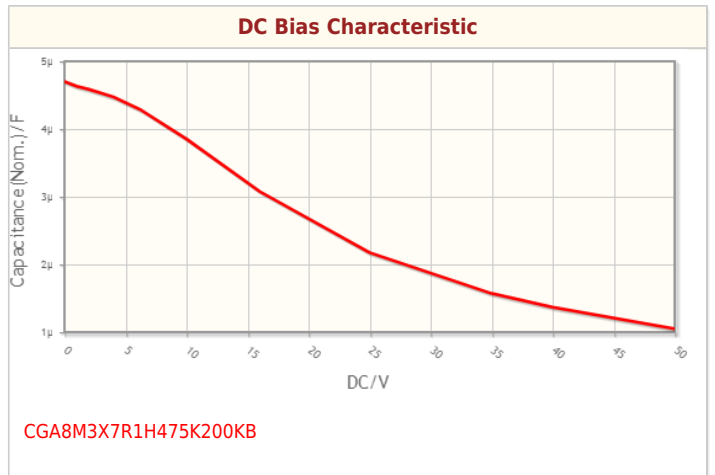
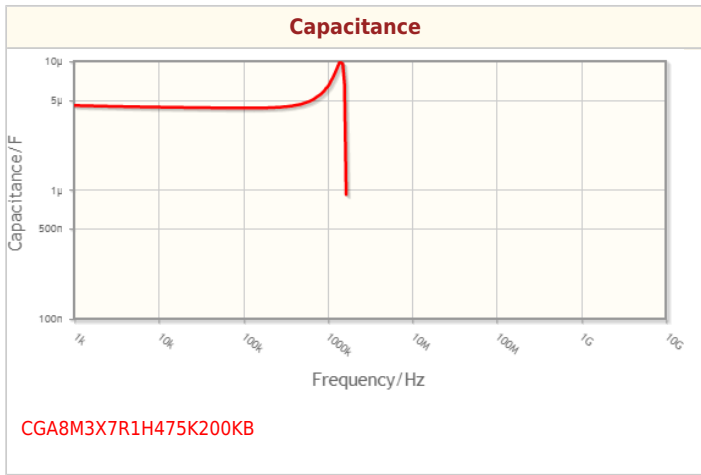
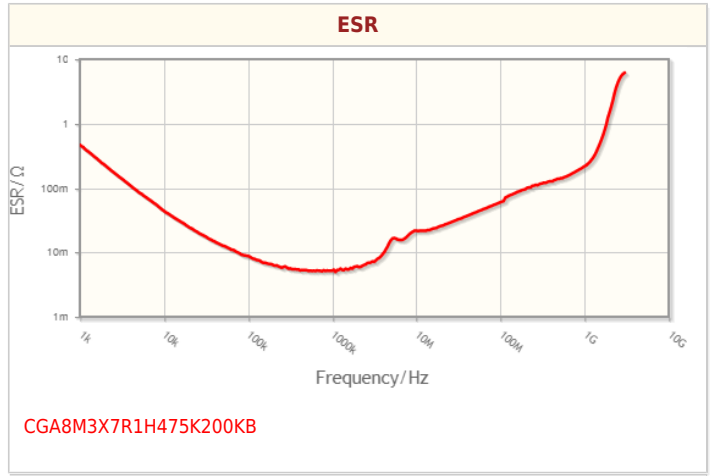
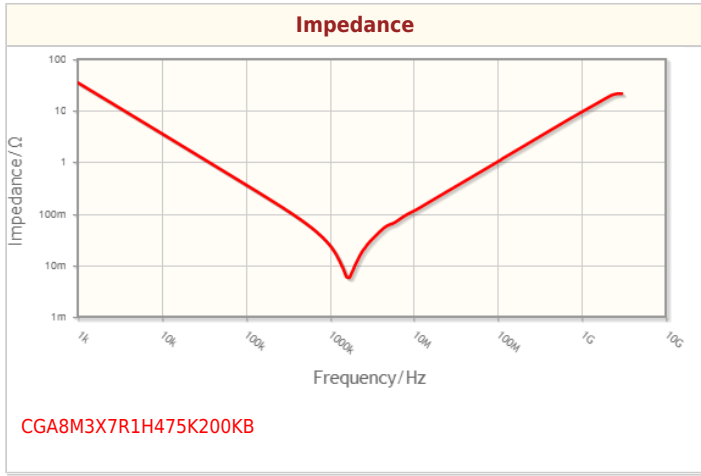
| | |
|------------------|---------------------------------------|
| Soldering Method | Reflow |
| AEC-Q200 | YES |
| Packing | Embossed (Plastic)Taping [180mm Reel] |
| Package Quantity | 1000pcs |

! Images are for reference only and show exemplary products.

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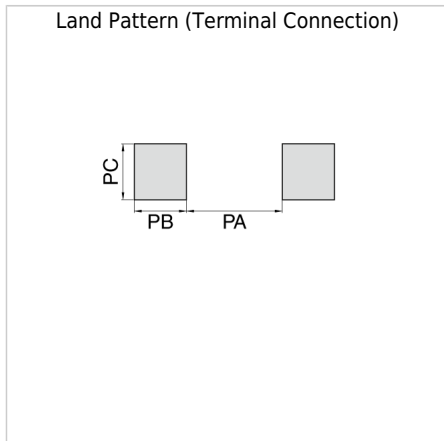
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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