

CGA4J3X7R1C475M125AB



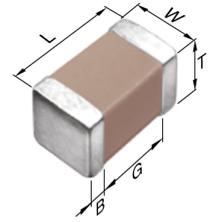
**TDK item description** CGA4J3X7R1C475MT\*\*\*\*

**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                  | 4.7μF ±20% |
| Rated Voltage                | 16VDC      |
| Temperature Characteristic   | X7R(±15%)  |
| Dissipation Factor (Max.)    | 7.5%       |
| Insulation Resistance (Min.) | 21MΩ       |

**Other**

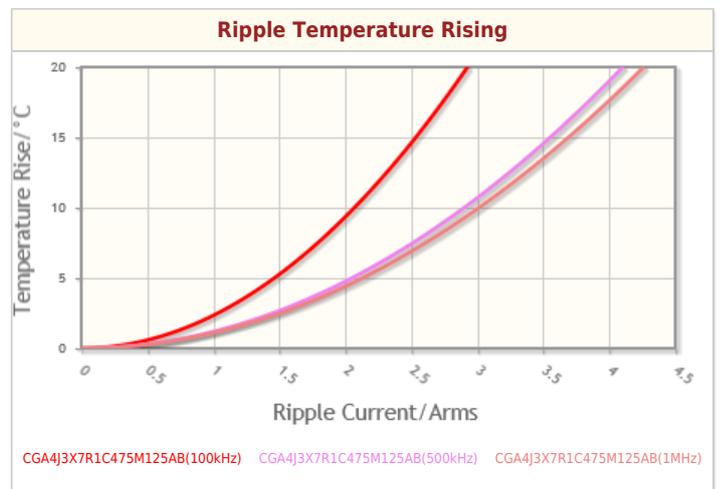
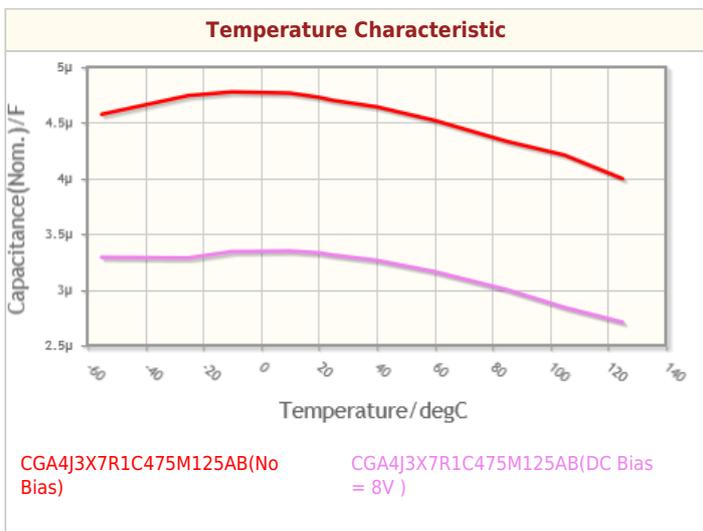
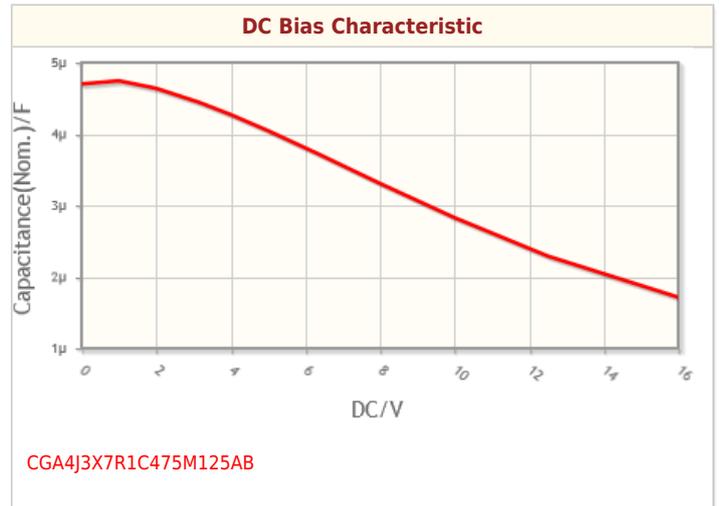
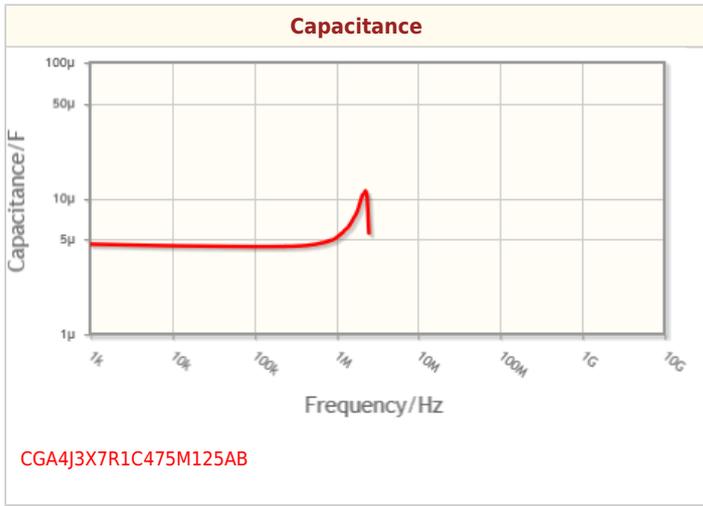
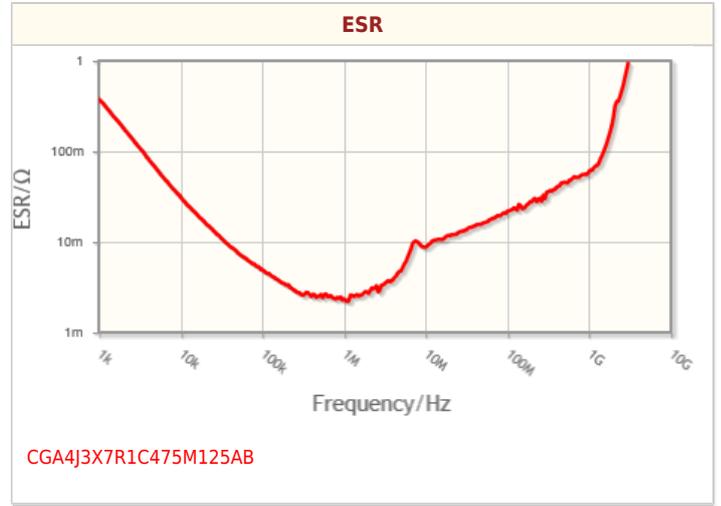
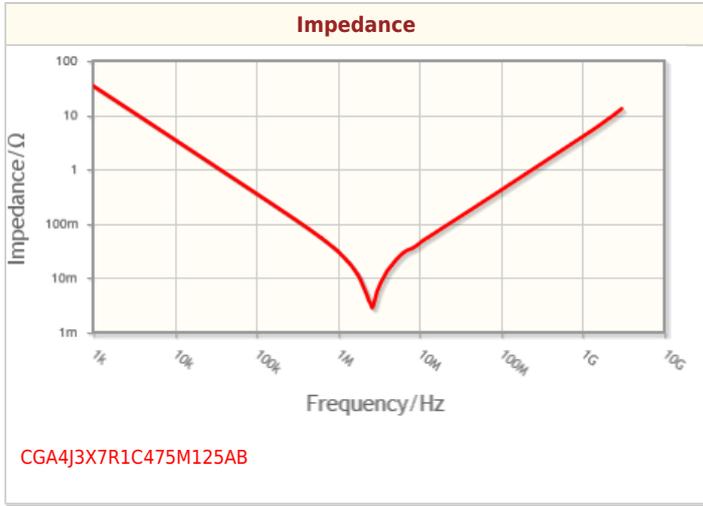
|                  |                                      |
|------------------|--------------------------------------|
| Soldering Method | Wave (Flow)                          |
|                  | Reflow                               |
| AEC-Q200         | Yes                                  |
|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

! Images are for reference only and show exemplary products.  
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

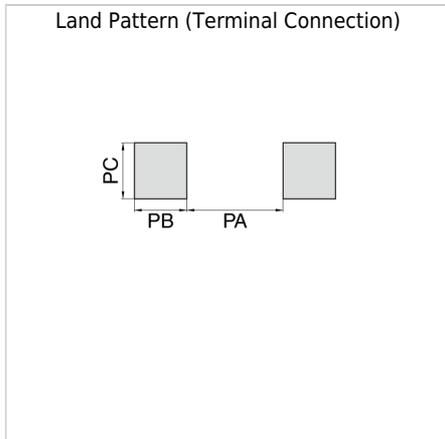


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## Associated Images



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