

CGA5L3X7R1H475K160AE



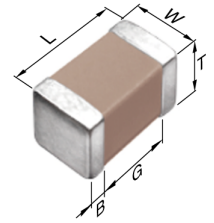
**TDK item description** CGA5L3X7R1H475KT\*\*\*S

**Applications** Automotive Grade

**Feature** Soft Termination  
 AEC-Q200

**Series** CGA5(3216) [EIA 1206]

**Status** Production



Dimensions in mm

| Size                          |                                    |
|-------------------------------|------------------------------------|
| Length(L)                     | 3.20mm +0.40,-0.20mm               |
| Width(W)                      | 1.60mm +0.30,-0.20mm               |
| Thickness(T)                  | 1.60mm +0.30,-0.20mm               |
| Terminal Width(B)             | 0.20mm Min.                        |
| Terminal Spacing(G)           | 1.00mm Min.                        |
| Recommended Land Pattern (PA) | 2.10mm to 2.50mm(Flow Soldering)   |
|                               | 2.00mm to 2.40mm(Reflow Soldering) |
| Recommended Land Pattern (PB) | 1.10mm to 1.30mm(Flow Soldering)   |
|                               | 1.00mm to 1.20mm(Reflow Soldering) |
| Recommended Land Pattern (PC) | 1.00mm to 1.30mm(Flow Soldering)   |
|                               | 1.10mm to 1.60mm(Reflow Soldering) |

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

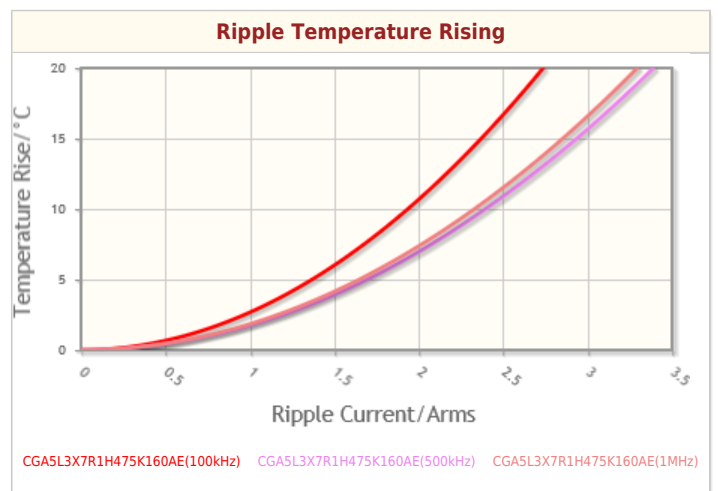
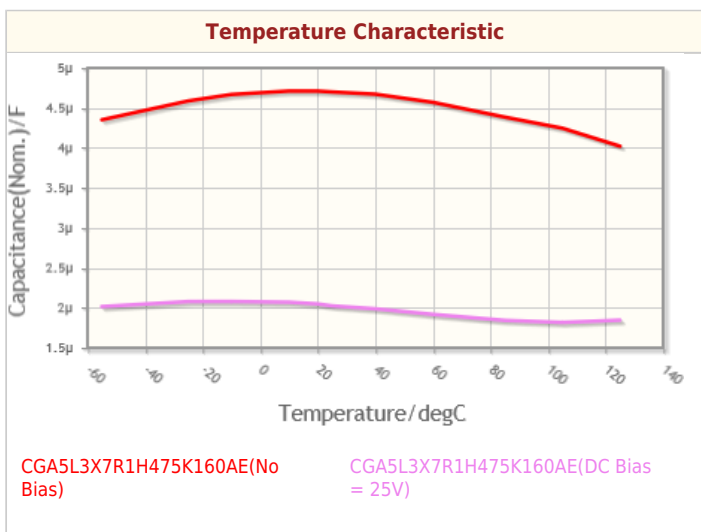
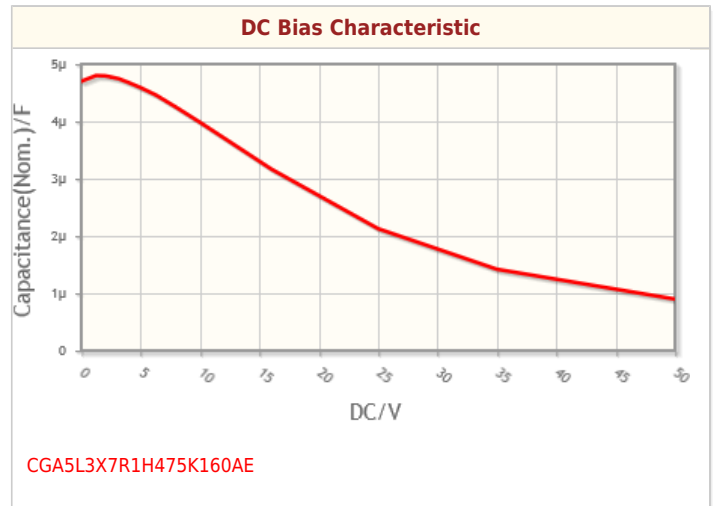
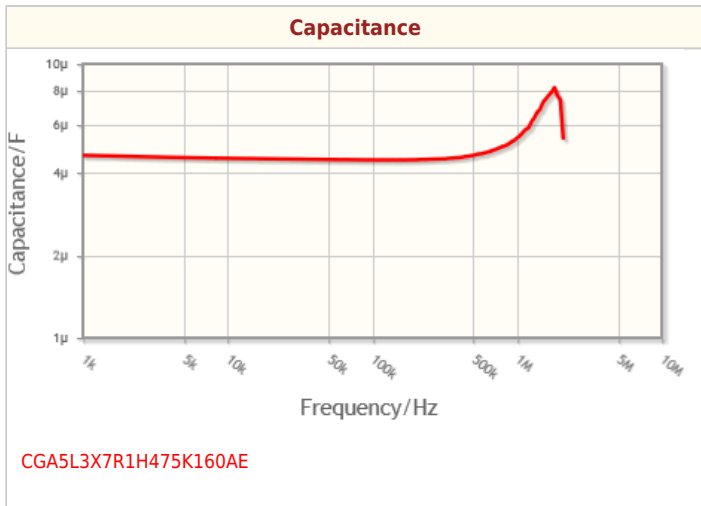
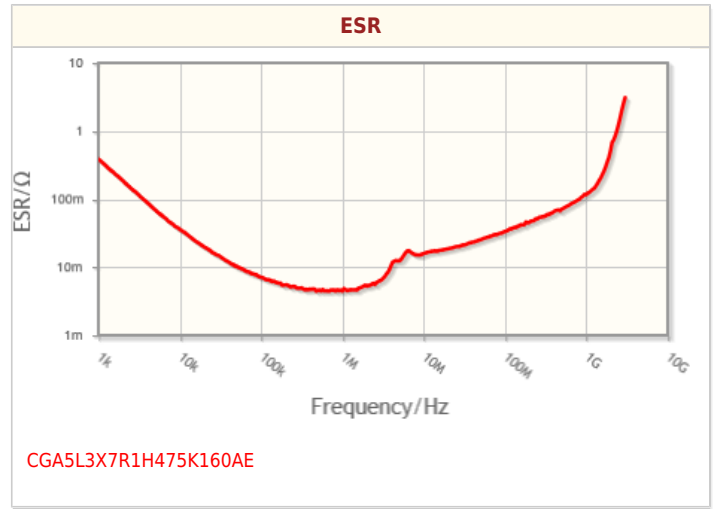
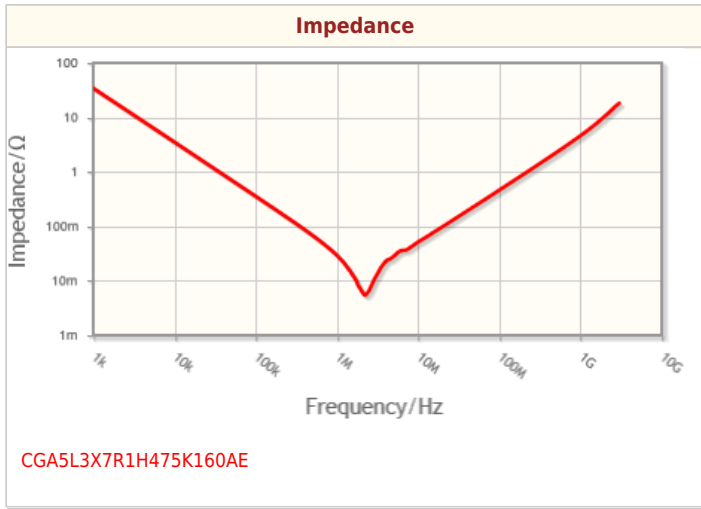
| Other            |                                      |
|------------------|--------------------------------------|
| Soldering Method | Wave (Flow)                          |
|                  | Reflow                               |
| AEC-Q200         | Yes                                  |
|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

! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! 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

