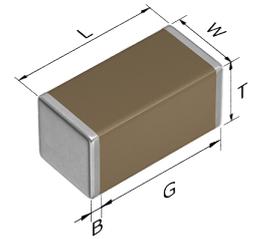


CGA5L1X7R1E106K160AD

|                                 |   |
|---------------------------------|---|
| <b>Product Status</b>           | <a href="#">Production</a>  |
| <b>TDK Item Description</b>     | CGA5L1X7R1E106KT***B  |
| <b>Applications</b>             | Automotive Grade  |
| <b>Feature</b>                  | <a href="#">AEC-Q200</a> AEC-Q200<br>GlueConductive Epoxy Application |
| <b>Series</b>                   | CGA5(3216) [EIA 1206]   |
| <b>Brand</b>                    | TDK   |
| <b>Environmental Compliance</b> |   |



| Size                          |                      |
|-------------------------------|----------------------|
| Length(L)                     | 3.20mm +0.30,-0.10mm |
| Width(W)                      | 1.60mm +0.30,-0.10mm |
| Thickness(T)                  | 1.60mm +0.30,-0.10mm |
| Terminal Width(B)             | 0.20mm Min.          |
| Terminal Spacing(G)           | 1.00mm Min.          |
| Recommended Land Pattern (PA) | 2.10mm to 2.50mm     |
| Recommended Land Pattern (PB) | 1.10mm to 1.30mm     |
| Recommended Land Pattern (PC) | 1.00mm to 1.30mm     |

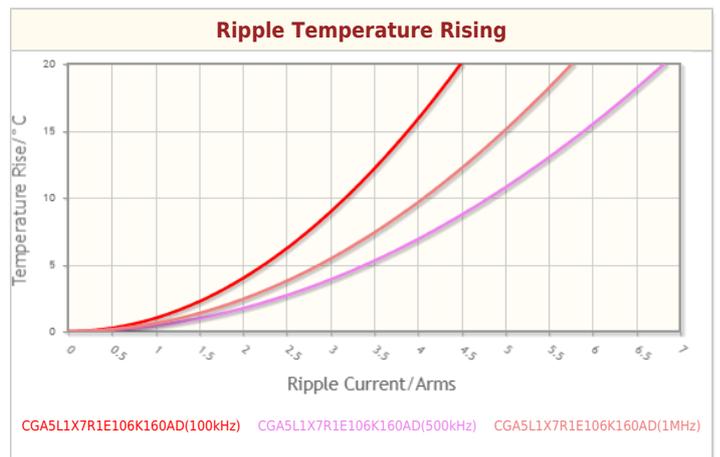
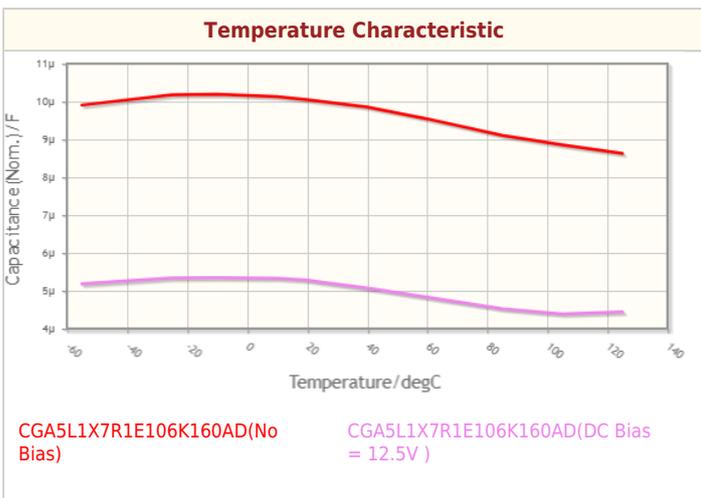
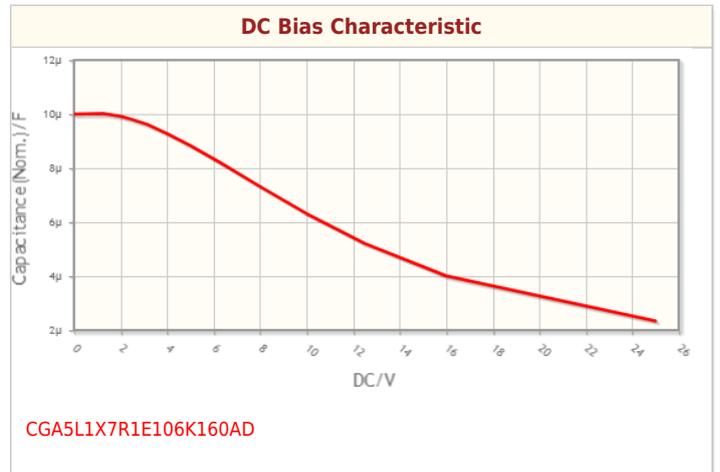
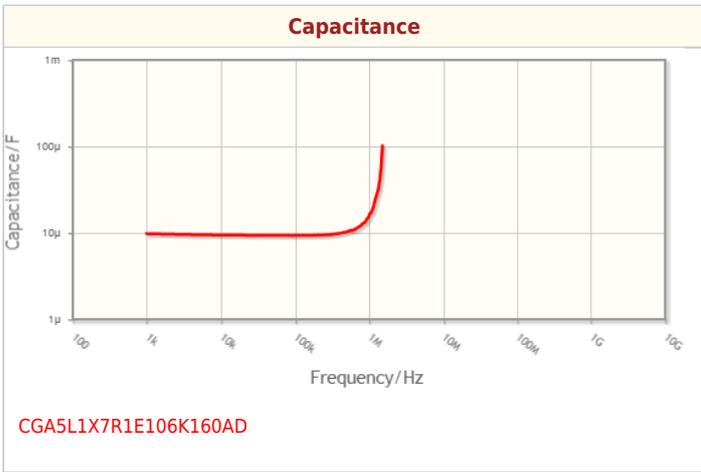
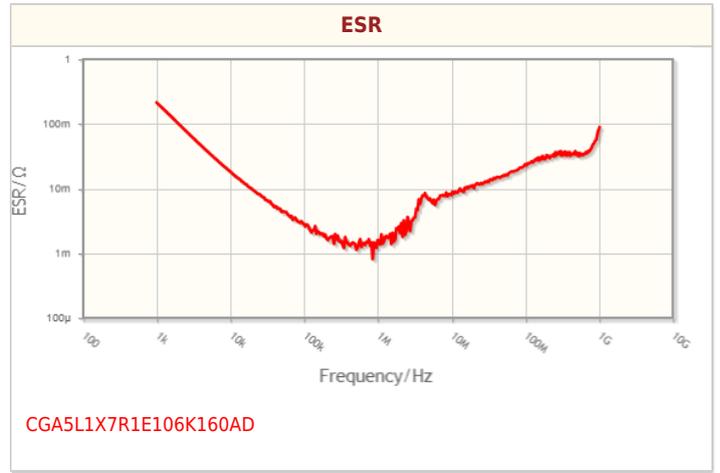
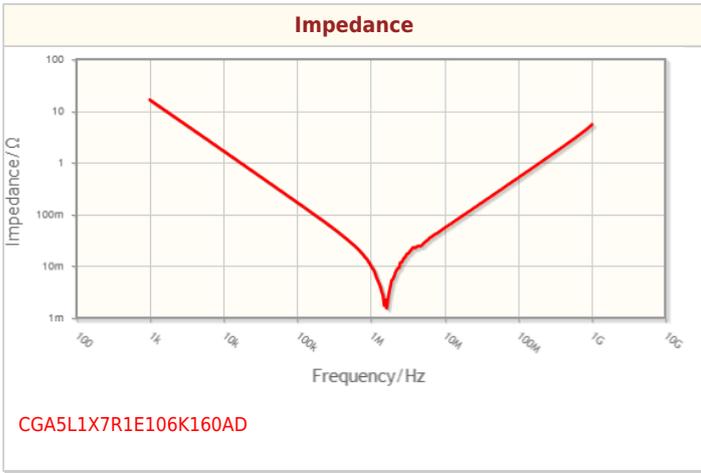
| Electrical Characteristics   |           |
|------------------------------|-----------|
| Capacitance                  | 10μF ±10% |
| Rated Voltage                | 25VDC     |
| Temperature Characteristic   | X7R(±15%) |
| Dissipation Factor (Max.)    | 7.5%      |
| Insulation Resistance (Min.) | 50MΩ      |

| Other                 |                                       |
|-----------------------|---------------------------------------|
| Operating Temp. Range | -55 to 125°C                          |
| Soldering Method      | Conductive Epoxy                      |
| AEC-Q200              | YES                                   |
| Packing               | Embossed (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.

CGA5L1X7R1E106K160AD

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



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