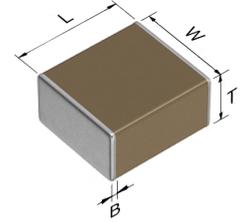


|                                 |  |
|---------------------------------|--|
| <b>Product Status</b>           | <a href="#">Production</a>   |
| <b>TDK Item Description</b>     | CGA9P4X7T2W105MT***S   |
| <b>Applications</b>             | Automotive Grade   |
| <b>Feature</b>                  | <p><b>AEC-Q200</b>AEC-Q200</p> <p><b>Mid</b>Mid Voltage (100 to 630V)</p> <p><b>Soft</b>Soft Termination</p> |
| <b>Series</b>                   | CGA9(5750) [EIA 2220]  |
| <b>Status</b>                   | Production   |
| <b>Brand</b>                    | TDK  |
| <b>Environmental Compliance</b> |  |



| Size                          |                      |
|-------------------------------|----------------------|
| Length(L)                     | 5.70mm +0.50,-0.40mm |
| Width(W)                      | 5.00mm ±0.40mm       |
| Thickness(T)                  | 2.50mm ±0.30mm       |
| Terminal Width(B)             | 0.20mm Min.          |
| Recommended Land Pattern (PA) | 4.10mm to 4.80mm     |
| Recommended Land Pattern (PB) | 1.20mm to 1.40mm     |
| Recommended Land Pattern (PC) | 4.00mm to 5.00mm     |

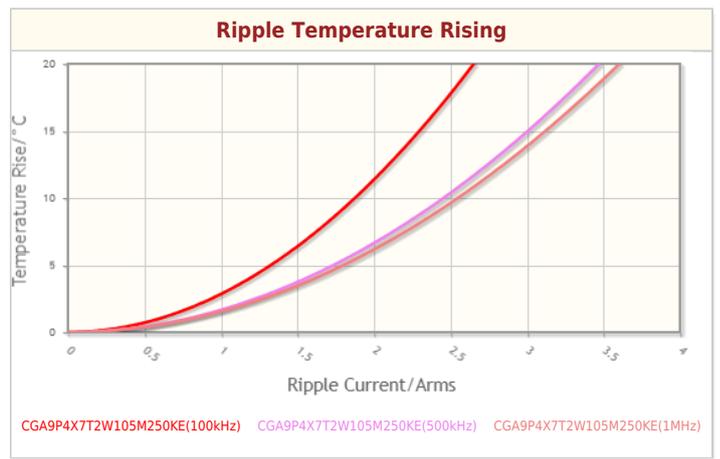
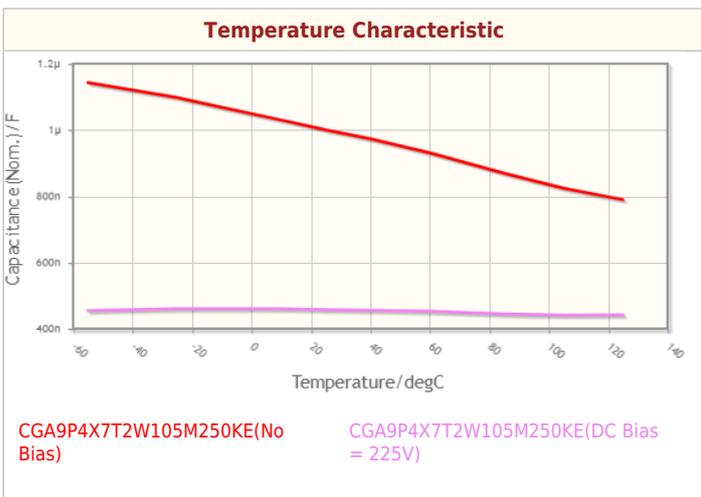
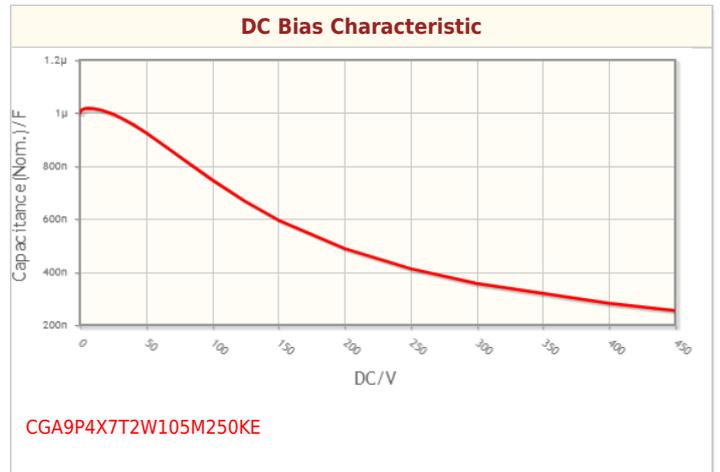
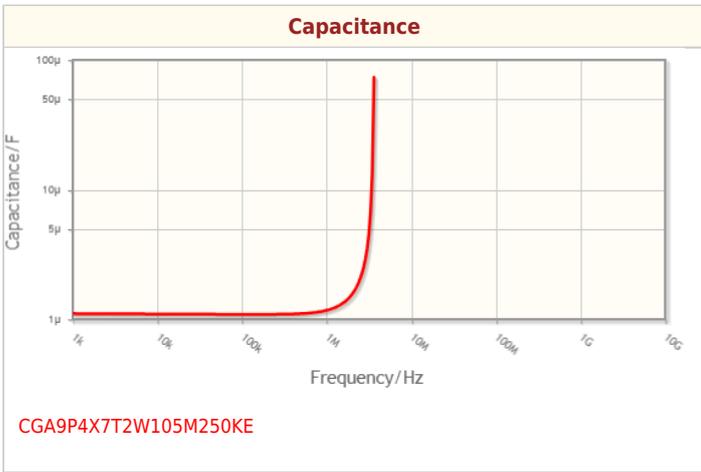
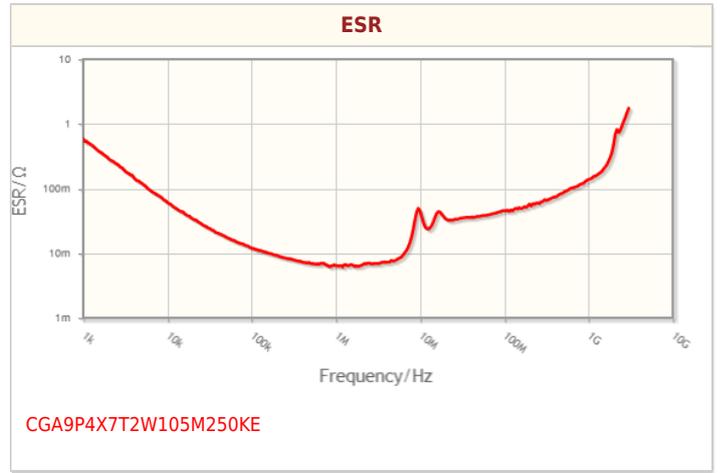
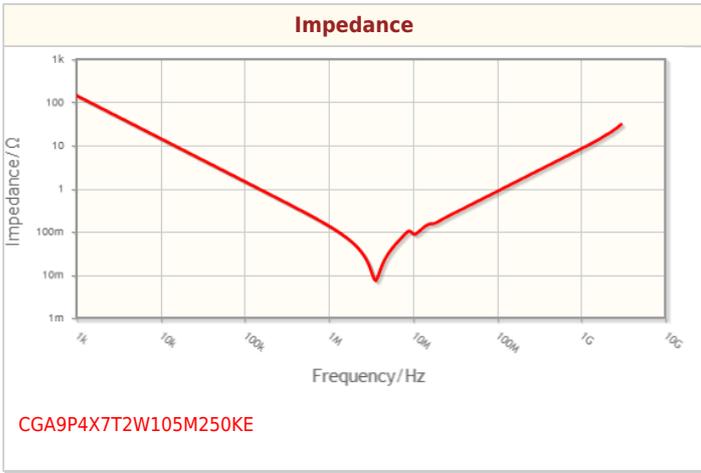
| Electrical Characteristics   |               |
|------------------------------|---------------|
| Capacitance                  | 1µF ±20%      |
| Rated Voltage                | 450VDC        |
| Temperature Characteristic   | X7T(+22,-33%) |
| Dissipation Factor (Max.)    | 2.5%          |
| Insulation Resistance (Min.) | 500MΩ         |

| Other                 |                                       |
|-----------------------|---------------------------------------|
| Operating Temp. Range | -55 to 125°C                          |
| Soldering Method      | Reflow                                |
| AEC-Q200              | YES                                   |
| Packing               | Embossed (Plastic)Taping [180mm Reel] |
| Package Quantity      | 500pcs                                |

! 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.

CGA9P4X7T2W105M250KE

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



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## Associated Images

