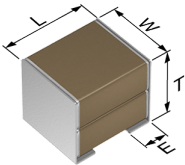


|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| Product Status           | Production                                                                                           |
| TDK Item Description     | CKG57NX7S1C107MT****                                                                                 |
| Applications             | Commercial Grade<br>Please refer to Part No. <a href="#">CKG57NX7S1C107M500J</a> for Automotive use. |
| Feature                  | MegaMEGACAP Type                                                                                     |
| Series                   | CKG57N(5750) [EIA 2220]                                                                              |
| Brand                    | TDK                                                                                                  |
| Environmental Compliance | <div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>                |



| Size                          |                  |
|-------------------------------|------------------|
| Length(L)                     | 6.00mm ±0.50mm   |
| Width(W)                      | 5.00mm ±0.50mm   |
| Thickness(T)                  | 5.00mm ±0.50mm   |
| Metal-Frame Width(E)          | 1.60mm ±0.30mm   |
| Recommended Land Pattern (PA) | 3.90mm to 4.30mm |
| Recommended Land Pattern (PB) | 1.50mm to 2.00mm |
| Recommended Land Pattern (PC) | 4.50mm to 5.00mm |

| Electrical Characteristics   |            |
|------------------------------|------------|
| Capacitance                  | 100μF ±20% |
| Rated Voltage                | 16VDC      |
| Temperature Characteristic   | X7S(±22%)  |
| Dissipation Factor (Max.)    | 7.5%       |
| Insulation Resistance (Min.) | 1MΩ        |

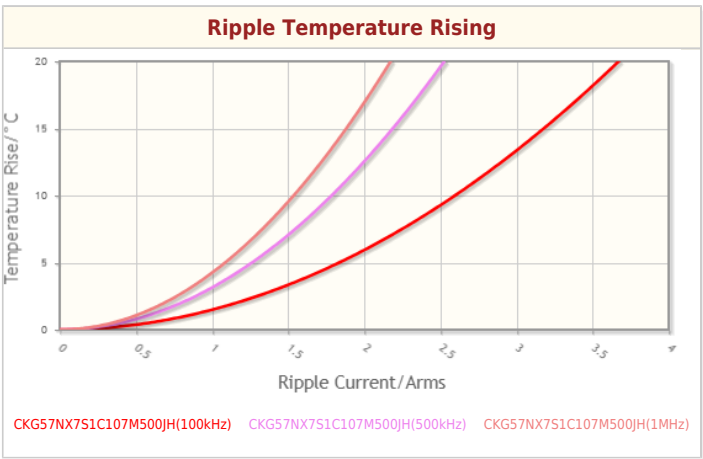
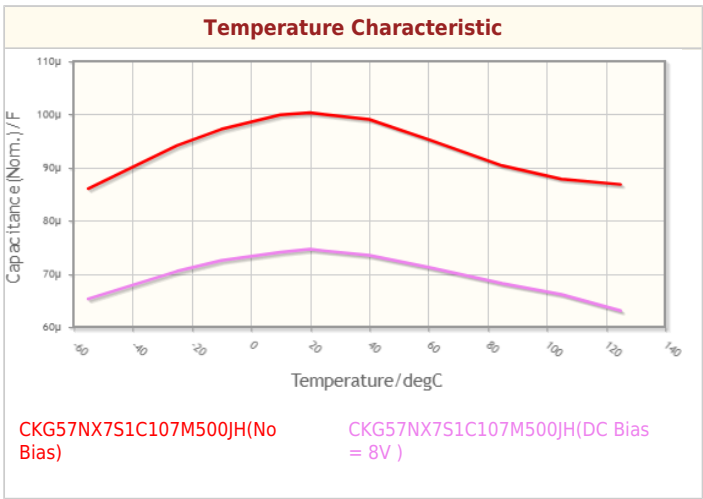
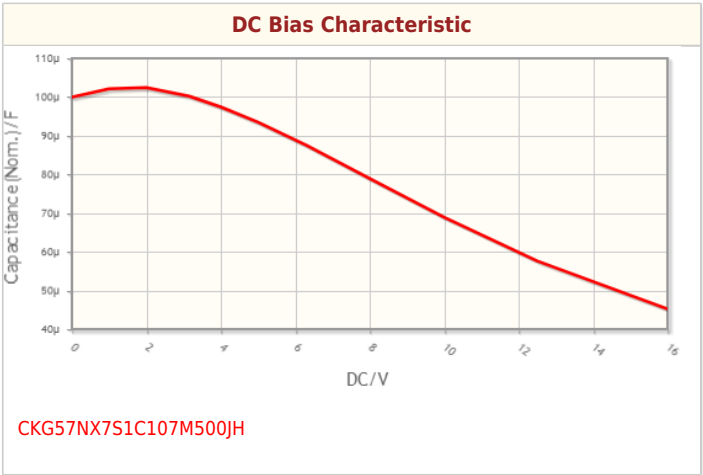
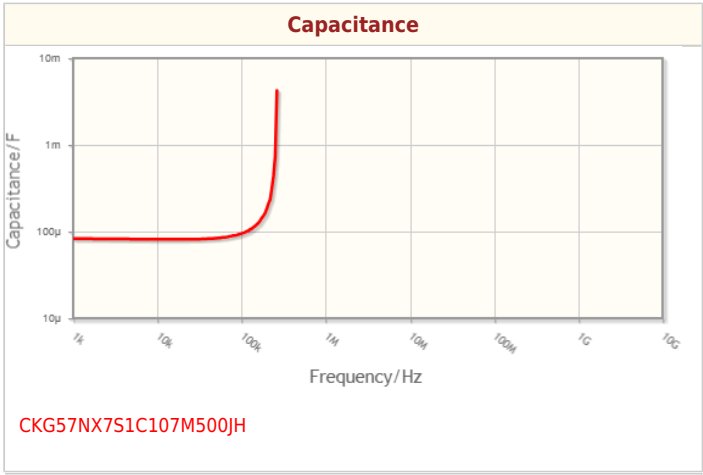
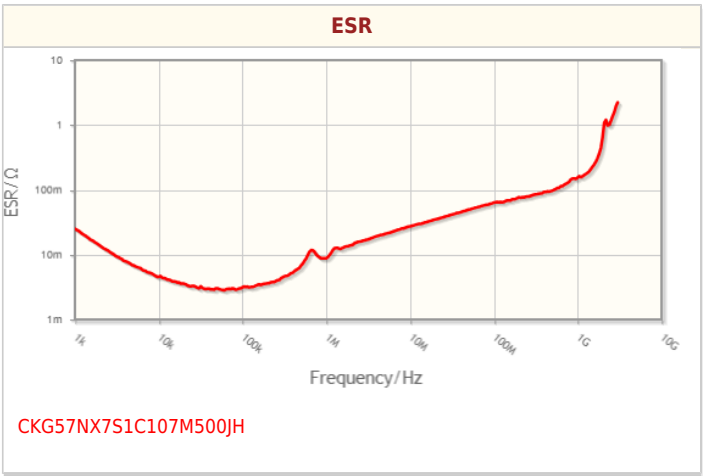
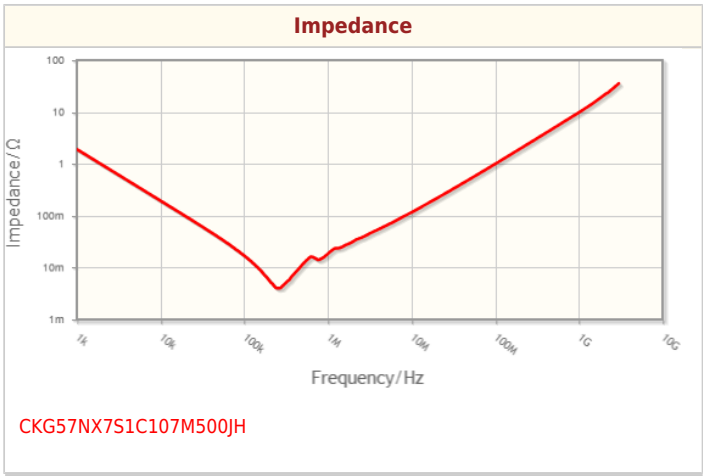
| Other                 |                                       |
|-----------------------|---------------------------------------|
| Operating Temp. Range | -55 to 125°C                          |
| Soldering Method      | Reflow                                |
| AEC-Q200              | NO                                    |
| Packing               | Embossed (Plastic)Taping [330mm Reel] |
| Package Quantity      | 1000pcs                               |

! 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.

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



## Associated Images

