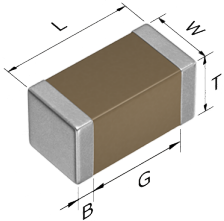


|                          |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Status           | Production                                                                                                                                                                                                                                                                                                                                                                                                                |
| TDK Item Description     | CEU3E2X7R1H473KT***S                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications             | Automotive Grade                                                                                                                                                                                                                                                                                                                                                                                                          |
| Feature                  | AEC-Q200AEC-Q200<br>SoftSoft Termination<br>SerialSerial Design                                                                                                                                                                                                                                                                                                                                                           |
| Series                   | CEU3(1608) [EIA 0603]                                                                                                                                                                                                                                                                                                                                                                                                     |
| Brand                    | TDK                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Environmental Compliance | <div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div> |



| Size                          |                                                                        |
|-------------------------------|------------------------------------------------------------------------|
| Length(L)                     | 1.60mm +0.20,-0.10mm                                                   |
| Width(W)                      | 0.80mm +0.15,-0.10mm                                                   |
| Thickness(T)                  | 0.80mm +0.15,-0.10mm                                                   |
| Terminal Width(B)             | 0.20mm Min.                                                            |
| Terminal Spacing(G)           | 0.30mm Min.                                                            |
| Recommended Land Pattern (PA) | 0.70mm to 1.00mm(Flow Soldering)<br>0.60mm to 0.80mm(Reflow Soldering) |
| Recommended Land Pattern (PB) | 0.80mm to 1.00mm(Flow Soldering)<br>0.60mm to 0.80mm(Reflow Soldering) |
| Recommended Land Pattern (PC) | 0.60mm to 0.80mm(Flow Soldering)<br>0.60mm to 0.80mm(Reflow Soldering) |

| Electrical Characteristics   |           |
|------------------------------|-----------|
| Capacitance                  | 47nF ±10% |
| Rated Voltage                | 50VDC     |
| Temperature Characteristic   | X7R(±15%) |
| Dissipation Factor (Max.)    | 3%        |
| Insulation Resistance (Min.) | 10000MΩ   |

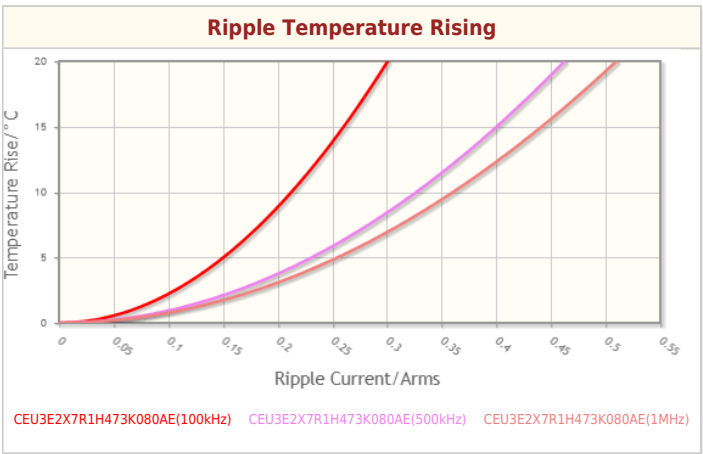
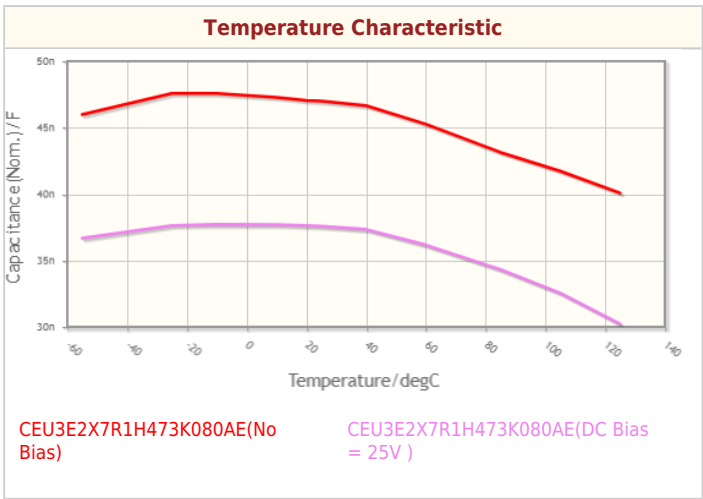
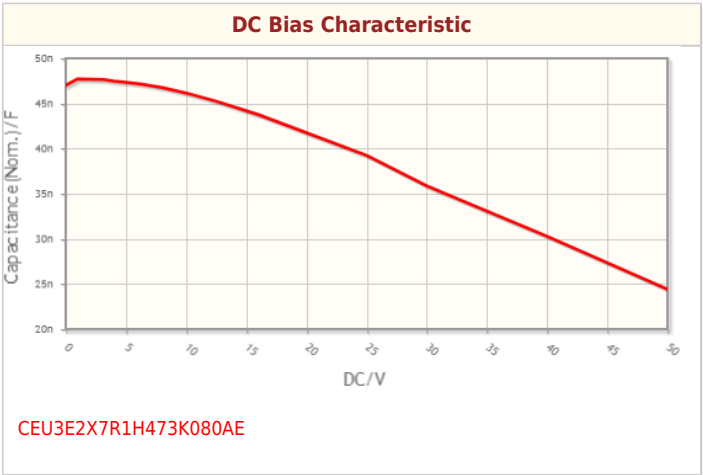
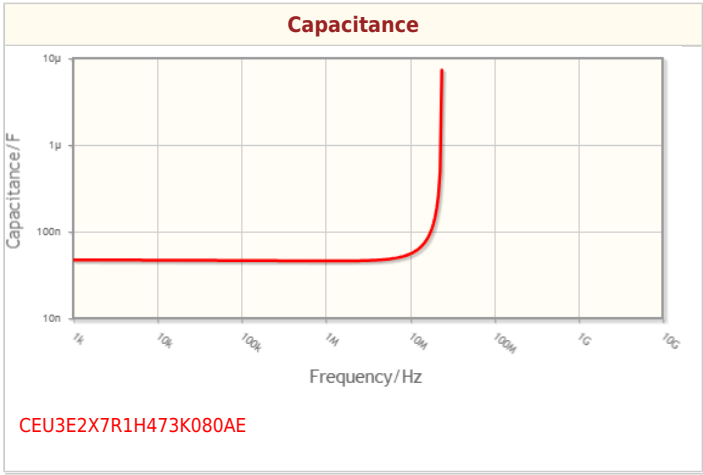
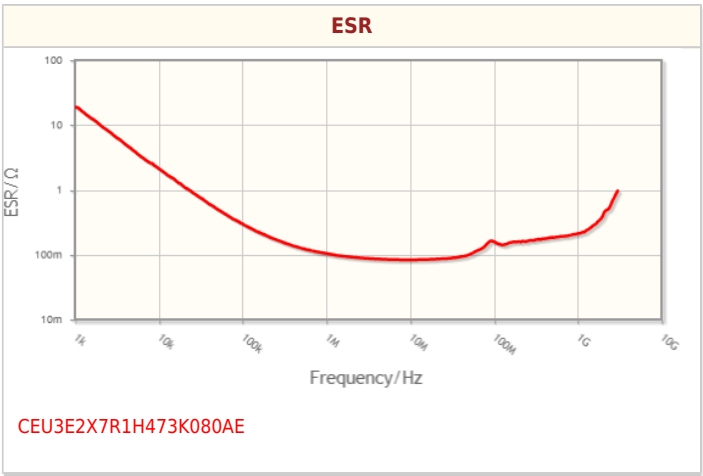
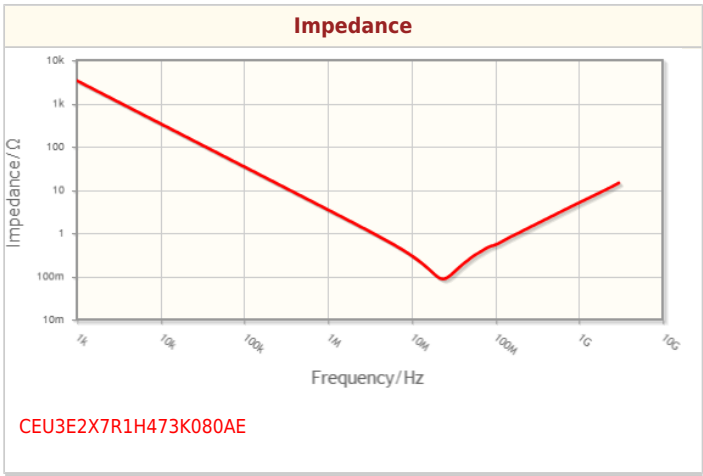
| Other                 |                                    |
|-----------------------|------------------------------------|
| Operating Temp. Range | -55 to 125°C                       |
| Soldering Method      | Wave (Flow)<br>Reflow              |
| AEC-Q200              | YES                                |
| Packing               | Punched (Paper)Taping [180mm Reel] |
| Package Quantity      | 4000pcs                            |

! 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

