



Click [here](#) for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 41.5mm +0.3/-0.7mm |
| H | 44mm +0.1/-0.7mm |
| T | 24mm +0.3/-0.7mm |
| S | 37.5mm +/-0.4mm |
| LL | 30mm +5mm |
| F | 1mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | Tray |
| Packaging Quantity | 72 |

| General Information | |
|---------------------|---|
| Series | F863 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP EMI, Automotive Grade, Harsh Environmental Conditions |
| RoHS | Yes |
| Lead | Wire Leads |
| Safety Class | X2 |
| Qualifications | ENEC, UL, cUL, CQC, AEC-Q200 |
| AEC-Q200 | Yes |
| THB Performance | Yes |
| Component Weight | 47.5 g |
| Shelf Life | 104 Weeks |

| Specifications | |
|-----------------------|--------------|
| Capacitance | 6.8 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 310 VAC (X2) |
| Temperature Range | -40/+110°C |
| Rated Temperature | 110°C |
| Dissipation Factor | 0.2% 1kHz |
| Insulation Resistance | 10 GOhms |
| Max dV/dt | 100 V/us |

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