



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

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| H          | 11mm +0.1/-0.5mm |
| T          | 5mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 4mm +2mm         |
| F          | 0.6mm +/-0.05mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 2000      |

| 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    | 1.2 g   |
| Shelf Life          | 104 Weeks   |

| Specifications        |              |
|-----------------------|--------------|
| Capacitance           | 0.1 uF       |
| Capacitance Tolerance | 20%          |
| Voltage AC            | 310 VAC (X2) |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.3% 1KHz    |
| Insulation Resistance | 30 GOhms     |
| Max dV/dt             | 400 V/us     |