



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

Dimensions

| | |
|----|-----------------|
| L | 31.5mm -0.7mm |
| H | 25mm -0.7mm |
| T | 13mm -0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

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|--------------------|------------|
| Packaging | Pizza, Box |
| Packaging Quantity | 250 |

General Information

| | |
|--------------------------|---|
| Series | F862 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP EMI, Automotive Grade, Harsh Environmental Conditions, Heavy Duty |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Safety Class | X2 |
| Qualifications | ENEC, UL, cUL, CQC, AEC-Q200 |
| AEC-Q200 | Yes |
| THB Performance | Yes |
| Typical Component Weight | 12.3 g |
| Miscellaneous | ClimCat: 40/110/56/B. |
| Shelf Life | 104 Weeks |

Specifications

| | |
|-----------------------|--------------|
| Capacitance | 1.5 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 630 VDC |
| Voltage AC | 310 VAC (X2) |
| Temperature Range | -40/+110°C |
| Rated Temperature | 110°C |
| Dissipation Factor | 0.2% 1kHz |
| Insulation Resistance | 6.6667 GOhms |
| Max dV/dt | 150 V/us |