



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

## 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   |

## 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

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

## Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 1.5 uF       |
| 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     |

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