

F862, Film, Metallized Polypropylene, Automotive Safety, 0.56 uF, 10%, 310 VAC (X2), 630 VDC, 110°C, Lead Spacing = 15mm

**Dimensions**

|           |                 |
|-----------|-----------------|
| <b>L</b>  | 18mm MAX        |
| <b>H</b>  | 20mm MAX        |
| <b>T</b>  | 12mm MAX        |
| <b>S</b>  | 15mm +/-0.4mm   |
| <b>LL</b> | 25mm +5mm       |
| <b>F</b>  | 0.8mm +/-0.05mm |
| <b>G</b>  | 0.5mm NOM       |

**Packaging Specifications**

|                            |           |
|----------------------------|-----------|
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 300       |

**General Information**

|                        |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| <b>Supplier:</b>       | KEMET                                                                 |
| <b>Series:</b>         | F862                                                                  |
| <b>Dielectric:</b>     | Metallized Polypropylene                                              |
| <b>Style:</b>          | Radial                                                                |
| <b>Features:</b>       | MKP EMI, Automotive Grade, Harsh Environmental Conditions, Heavy Duty |
| <b>RoHS:</b>           | Yes                                                                   |
| <b>Lead:</b>           | Wire Leads                                                            |
| <b>Qualifications:</b> | ENEC, UL, cUL, CQC, AEC-Q200                                          |
| <b>AEC-Q200:</b>       | Yes                                                                   |
| <b>Miscellaneous:</b>  | ClimCat: 40/110/56/B                                                  |
| <b>Shelf Life:</b>     | 104 Weeks                                                             |

**Specifications**

|                               |              |
|-------------------------------|--------------|
| <b>Capacitance:</b>           | 0.56 uF      |
| <b>Capacitance Tolerance:</b> | 10%          |
| <b>Voltage AC:</b>            | 310 VAC (X2) |
| <b>Voltage DC:</b>            | 630 VDC      |
| <b>Temperature Range:</b>     | -40/+110C    |
| <b>Rated Temperature:</b>     | 110°C        |
| <b>Dissipation Factor:</b>    | 0.20% 1kHz   |
| <b>Insulation Resistance:</b> | 10 GOhms     |
| <b>Max dV/dt:</b>             | 400 V/us     |
| <b>Safety Class:</b>          | X2           |