

F862, Film, Metallized Polypropylene, Automotive Safety, 0.47 uF, 10%, 310 VAC (X2), 630 VDC, 110°C, Lead Spacing = 15mm

**Dimensions**

|    |                 |
|----|-----------------|
| L  | 18mm MAX        |
| H  | 19mm MAX        |
| T  | 11mm MAX        |
| S  | 15mm +/-0.4mm   |
| LL | 25mm +5mm       |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

**Packaging Specifications**

|                     |           |
|---------------------|-----------|
| Packaging:          | Bulk, Bag |
| Packaging Quantity: | 400       |

**General Information**

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

**Specifications**

|                        |              |
|------------------------|--------------|
| Capacitance:           | 0.47 uF      |
| Capacitance Tolerance: | 10%          |
| Voltage AC:            | 310 VAC (X2) |
| Voltage DC:            | 630 VDC      |
| Temperature Range:     | -40/+110C    |
| Rated Temperature:     | 110°C        |
| Dissipation Factor:    | 0.20% 1kHz   |
| Insulation Resistance: | 10 GOhms     |
| Max dV/dt:             | 400 V/us     |
| Safety Class:          | X2           |