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#### General Information

|                          |   |
|--------------------------|---|
| Series                   | F462  |
| Dielectric               | Metallized Polypropylene  |
| Style                    | Radial  |
| Features                 | MKP, Pulse  |
| RoHS                     | Yes   |
| Termination              | Cut (Tinned Wire)   |
| Lead                     | Cut/Short   |
| AEC-Q200                 | No  |
| Typical Component Weight | 2.606 g   |
| Miscellaneous            | The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56. |
| Notes                    | Series Replaced by R75.   |

#### Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm -0.5mm     |
| H  | 13.5mm -0.5mm   |
| T  | 7.5mm -0.5mm    |
| S  | 15mm +/-0.4mm   |
| LL | 4mm +2mm        |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1000      |

#### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.047 uF                              |
| Tolerance             | 10%                                   |
| Voltage DC            | 1000 VDC, 600 VDC (105C)              |
| Voltage AC            | 300 VAC                               |
| Temperature Range     | -55/ +105°C                           |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 1,600 V/us                            |
| Inductance            | 6 nH                                  |

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