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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 | 23 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  | 41mm -0.7mm     |
| H  | 28.5mm -0.7mm   |
| T  | 16mm -0.7mm     |
| S  | 37.5mm +/-0.5mm |
| LL | 4mm +2mm        |
| F  | 1mm +/-0.05mm   |
| G  | 0.5mm NOM       |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | Pizza, Box |
| Packaging Quantity | 140        |

#### Specifications

|                       |                          |
|-----------------------|--------------------------|
| Capacitance           | 0.47 uF                  |
| Tolerance             | 5%                       |
| Voltage DC            | 1600 VDC, 960 VDC (105C) |
| Voltage AC            | 500 VAC                  |
| Temperature Range     | -55/ +105°C              |
| Rated Temperature     | 85°C                     |
| Dissipation Factor    | 0.05% 1kHz, 0.06% 10kHz  |
| Insulation Resistance | 63.83 GOhms              |
| Max dV/dt             | 300 V/us                 |
| Inductance            | 6 nH                     |

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