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#### General Information

|                          |   |
|--------------------------|---|
| Series                   | F461  |
| Dielectric               | Metallized Polypropylene  |
| Style                    | Radial  |
| Features                 | MKP, Pulse  |
| RoHS                     | Yes   |
| Termination              | Tinned Wire   |
| Lead                     | Wire Leads  |
| AEC-Q200                 | No  |
| Typical Component Weight | 2.413 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.   |

#### Specifications

|                       |                         |
|-----------------------|-------------------------|
| Capacitance           | 0.56 uF                 |
| Tolerance             | 10%                     |
| Voltage DC            | 160 VDC, 96 VDC (105C)  |
| Voltage AC            | 90 VAC                  |
| Temperature Range     | -55/+105°C              |
| Rated Temperature     | 85°C                    |
| Dissipation Factor    | 0.05% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 53.571 GOhms            |
| Max dV/dt             | 100 V/us                |
| Inductance            | 6 nH                    |

#### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm -0.5mm      |
| H  | 12.5mm -0.5mm    |
| T  | 5.5mm -0.5mm     |
| S  | 15mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.8mm +/-0.05mm  |
| G  | 0.5mm NOM        |

#### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 550 |

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