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#### General Information

|                          |   |
|--------------------------|---|
| Series                   | F462  |
| Dielectric               | Metallized Polypropylene  |
| Style                    | Radial  |
| Features                 | MKP, Pulse  |
| RoHS                     | Yes   |
| Termination              | Tinned Wire   |
| Lead                     | Wire Leads  |
| AEC-Q200                 | No  |
| Typical Component Weight | 11.8 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           | 0.18 uF                  |
| Tolerance             | 10%                      |
| 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 | 100 GOhms                |
| Max dV/dt             | 1,800 V/us               |
| Inductance            | 6 nH                     |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 26mm -0.5mm        |
| H  | 24.5mm -0.5mm      |
| T  | 15.5mm -0.5mm      |
| S  | 22.5mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.8mm +/-0.05mm    |
| G  | 0.5mm NOM          |

#### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 170                     |

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