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#### General Information

|                          |  |
|--------------------------|--|
| Series                   | R75  |
| Dielectric               | Metallized Polypropylene                         |
| Style                    | Radial   |
| Features                 | Pulse  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                      |
| Lead                     | Wire Leads                                       |
| AEC-Q200                 | No   |
| Typical Component Weight | 33.2 g   |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 41.5mm +0.3/-0.7mm |
| H  | 40mm +0.1/-0.7mm   |
| T  | 20mm +0.3/-0.7mm   |
| S  | 37.5mm +/-0.4mm    |
| LL | 25mm +2/-1mm       |
| F  | 1mm +/-0.05mm      |

#### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 84   |

#### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.68 uF                                  |
| Tolerance             | 5%                                       |
| Voltage DC            | 2000 VDC                                 |
| Voltage AC            | 700 VAC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                  |
| Insulation Resistance | 44.1176 GOhms                            |
| Max dV/dt             | 700 V/us                                 |
| ESR                   | 4.7 mOhms (100kHz)                       |
| Ripple Current        | 15.09 Amps (100kHz 85C), 476 Amps (Peak) |
| Inductance            | 20 nH                                    |

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