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#### General Information

|               |  |
|---------------|--|
| Series        | R71  |
| Dielectric    | Metallized Polypropylene                       |
| Style         | Radial   |
| Features      | PFC and Pulse                                  |
| RoHS          | Yes  |
| Termination   | Tinned Wire                                    |
| Lead          | Wire Leads                                     |
| AEC-Q200      | No   |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 4%/C. |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 16mm +0.1/-0.5mm   |
| T  | 7mm +0.2/-0.5mm    |
| S  | 22.5mm +/-0.4mm    |
| LL | 25mm +2/-1mm       |
| F  | 0.8mm +/-0.05mm    |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 500       |

#### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.68 uF                                  |
| Tolerance             | 5%                                       |
| Voltage DC            | 520 VDC                                  |
| Voltage AC            | 250 VAC                                  |
| Temperature Range     | -40/+110°C                               |
| Rated Temperature     | 105°C                                    |
| Dissipation Factor    | 0.1% 25C                                 |
| Insulation Resistance | 44.1176 GOhms                            |
| Max dV/dt             | 120 V/us                                 |
| ESR                   | 140.4 mOhms (100kHz)                     |
| Ripple Current        | 1.32 Amps (100kHz 85C), 81.6 Amps (Peak) |
| Inductance            | 18 nH                                    |

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