



Click [here](#) for the 3D model.

### Dimensions

|    |                    |
|----|--------------------|
| L  | 41.5mm +0.3/-0.7mm |
| H  | 32mm +0.1/-0.7mm   |
| T  | 19mm +0.3/-0.7mm   |
| S  | 37.5mm +/-0.4mm    |
| LL | 30mm +5mm          |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 96   |

### General Information

|                  |   |
|------------------|---|
| Series           | R75   |
| Dielectric       | Metallized Polypropylene  |
| Style            | Radial  |
| Features         | Automotive Grade, Pulse   |
| RoHS             | Yes   |
| Lead             | Wire Leads  |
| AEC-Q200         | Yes   |
| Component Weight | 21.2 g  |
| Miscellaneous    | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 1.2 uF                                   |
| Capacitance Tolerance | 5%                                       |
| Voltage AC            | 400 VAC                                  |
| Voltage DC            | 1300 VDC                                 |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Insulation Resistance | 25 GOhms                                 |
| Max dV/dt             | 180 V/us                                 |
| Resistance            | 13.26 mOhms (100kHz)                     |
| Ripple Current        | 8.541 Amps (100kHz 85C), 216 Amps (Peak) |
| Inductance            | 20 nH                                    |