



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 32mm +0.3/-0.7mm |
| H  | 33mm +0.1/-0.7mm |
| T  | 18mm +0.2/-0.7mm |
| S  | 27.5mm +/-0.4mm  |
| LL | 25mm +2/-1mm     |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 128  |

### General Information

|                  |                                                  |
|------------------|--------------------------------------------------|
| Series           | R75                                              |
| Dielectric       | Metallized Polypropylene                         |
| Style            | Radial                                           |
| Features         | Pulse                                            |
| RoHS             | Yes                                              |
| Lead             | Wire Leads                                       |
| AEC-Q200         | No                                               |
| Component Weight | 22.7 g                                           |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                         |
|-----------------------|-----------------------------------------|
| Capacitance           | 0.27 uF                                 |
| Capacitance Tolerance | 5%                                      |
| Voltage AC            | 650 VAC                                 |
| Voltage DC            | 1600 VDC                                |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                 |
| Insulation Resistance | 100 GOhms                               |
| Max dV/dt             | 1500 V/us                               |
| Resistance            | 10 mOhms (100kHz)                       |
| Ripple Current        | 9.33 Amps (100kHz 85C), 405 Amps (Peak) |
| Inductance            | 18 nH                                   |