

## R75PR4100AA30J

Aliases (75PR4100AA30J)

R75, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 630 VDC, 85°C, Lead Spacing = 27.5mm



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 32mm +0.3/-0.7mm |
| H  | 22mm +0.1/-0.7mm |
| T  | 13mm +0.2/-0.7mm |
| S  | 27.5mm +/-0.4mm  |
| LL | 4mm +2mm         |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 480  |

### General Information

|                  |  |
|------------------|--|
| Series           | R75  |
| Dielectric       | Metallized Polypropylene                         |
| Style            | Radial   |
| Features         | Pulse  |
| RoHS             | Yes  |
| Lead             | Cut  |
| AEC-Q200         | No   |
| Component Weight | 10.98 g  |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 1 uF                                   |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 250 VAC                                |
| Voltage DC            | 630 VDC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                |
| Insulation Resistance | 30 GOhms                               |
| Max dV/dt             | 210 V/us                               |
| Resistance            | 8 mOhms (100kHz)                       |
| Ripple Current        | 9.3 Amps (100kHz 85C), 180 Amps (Peak) |
| Inductance            | 18 nH                                  |