

## R75TW333050L3J

Aliases (75TW333050L3J)

R75, Film, Metallized Polypropylene, General Purpose, 0.33 uF, 5%, 1600 VDC, 85°C, 37.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 41.5mm +0.3/-0.7mm |
| H  | 19mm +0.1/-0.7mm   |
| T  | 24mm +0.3/-0.7mm   |
| S  | 37.5mm +/-0.4mm    |
| LL | 25mm +2/-1mm       |
| F  | 1mm +/-0.4mm       |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 108  |

### General Information

|                          |   |
|--------------------------|---|
| Series                   | R75   |
| Dielectric               | Metallized Polypropylene  |
| Style                    | Radial  |
| Features                 | Pulse   |
| RoHS                     | Yes   |
| Lead                     | Wire Leads  |
| AEC-Q200                 | No  |
| Typical Component Weight | 19.3 g  |
| Miscellaneous            | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.33 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             | 750 V/us                                 |
| ESR                   | 8.199 mOhms (100kHz)                     |
| Ripple Current        | 10.33 Amps (100kHz 85C), 248 Amps (Peak) |
| Inductance            | 20 nH                                    |