

## R76TW4100SE30J

Aliases (76TW4100SE30J)

R76, Film, Double Metallized Polypropylene, General Purpose, 1 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 37.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 41.5mm +0.3/-0.7mm |
| H  | 44mm +0.1/-0.7mm   |
| T  | 24mm +0.3/-0.7mm   |
| S  | 37.5mm +/-0.4mm    |
| LL | 4mm +2mm           |
| F  | 1mm +/-0.05mm      |

### Packaging Specifications

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

### General Information

|                  |                                 |
|------------------|---------------------------------|
| Series           | R76                             |
| Dielectric       | Double Metallized Polypropylene |
| Style            | Radial                          |
| Features         | Pulse                           |
| RoHS             | Yes                             |
| Lead             | Cut                             |
| AEC-Q200         | No                              |
| Component Weight | 55.1 g                          |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 1 uF                                     |
| Capacitance Tolerance | 5%                                       |
| Voltage AC            | 650 VAC                                  |
| Voltage DC            | 1600 VDC                                 |
| Temperature Range     | -55/+110°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.03% 1kHz, 0.06% 10kHz                  |
| Insulation Resistance | 30 GOhms                                 |
| Max dV/dt             | 1200 V/us                                |
| Resistance            | 5.57 mOhms (100kHz)                      |
| Ripple Current        | 14.4 Amps (100kHz 85C), 1200 Amps (Peak) |
| Inductance            | 20 nH                                    |