

## R76UI2150SE40J

Aliases (76UI2150SE40J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.015 uF, 5%, 2000 VDC, 85°C, Lead Spacing = 15mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 18mm +/-0.5mm      |
| H  | 14.5mm +0.1/-0.5mm |
| T  | 8.5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm      |
| LL | 4mm +2mm           |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1000      |

### General Information

|                  |                                 |
|------------------|---------------------------------|
| Series           | R76                             |
| Dielectric       | Double Metallized Polypropylene |
| Style            | Radial                          |
| Features         | Automotive Grade, Pulse         |
| RoHS             | Yes                             |
| Lead             | Cut                             |
| Qualifications   | AEC-Q200                        |
| AEC-Q200         | Yes                             |
| Component Weight | 3 g                             |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.015 uF                               |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 700 VAC                                |
| Voltage DC            | 2000 VDC                               |
| Temperature Range     | -55/+110°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz   |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 9500 V/us                              |
| Resistance            | 42.44 mOhms (100kHz)                   |
| Ripple Current        | 3.1 Amps (100kHz 85C), 143 Amps (Peak) |
| Inductance            | 10 nH                                  |