

## R75T1210050H3J

Aliases (75T1210050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.01 uF, 5%, 1600 VDC, 105°C, Lead Spacing = 15mm



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 12mm +0.1/-0.5mm |
| T  | 6mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 900       |

### General Information

|                  |   |
|------------------|---|
| Series           | R75H  |
| Dielectric       | Metallized Polypropylene                          |
| Style            | Radial  |
| Features         | Automotive Grade, Pulse                           |
| RoHS             | Yes   |
| Lead             | Wire Leads  |
| Qualifications   | AEC-Q200  |
| AEC-Q200         | Yes   |
| Component Weight | 1.9 g   |
| Miscellaneous    | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.01 uF                                |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 650 VAC                                |
| Voltage DC            | 1600 VDC                               |
| Temperature Range     | -55/+125°C                             |
| Rated Temperature     | 105°C                                  |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz  |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 6000 V/us                              |
| Resistance            | 111.4 mOhms (100kHz)                   |
| Ripple Current        | 2.12 Amps (100kHz 90C), 60 Amps (Peak) |
| Inductance            | 10 nH                                  |

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