

## R75IC2330CK45J

Aliases (75IC2330CK45J)

R75, Film, Metallized Polypropylene, General Purpose, 0.033 uF, 5%, 250 VDC, 85°C, Lead Spacing = 5mm



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

### Dimensions

|    |                   |
|----|-------------------|
| L  | 7.2mm +0.2/-0.5mm |
| H  | 7.5mm +0.1/-0.5mm |
| T  | 3.5mm +0.1/-0.5mm |
| S  | 5mm +/-0.4mm      |
| H0 | 18.5mm +/-0.5mm   |
| F  | 0.5mm +/-0.05mm   |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, Large |
| Packaging Quantity | 1800       |

### General Information

|               |  |
|---------------|--|
| Series        | R75  |
| Dielectric    | Metallized Polypropylene                         |
| Style         | Radial   |
| Features      | Automotive Grade, Pulse                          |
| RoHS          | Yes  |
| Lead          | Wire Leads                                       |
| AEC-Q200      | No   |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.033 uF                               |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 160 VAC                                |
| Voltage DC            | 250 VDC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.06% 1kHz, 0.1% 10kHz, 0.3% 100kHz    |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 250 V/us                               |
| Resistance            | 144.7 mOhms (100kHz)                   |
| Ripple Current        | 1.118 Amps (100kHz 85C), 8 Amps (Peak) |
| Inductance            | 7 nH                                   |