

## R60IF3330CK6AK

Aliases (60IF3330CK6AK)

R60, Film, Metallized Polyester Stacked, Automotive Grade, 0.33 uF, 10%, 250 VDC, 85°C, 10 mm



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

### General Information

|                |   |
|----------------|---|
| Series         | R60   |
| Dielectric     | Metallized Polyester Stacked  |
| Style          | Radial  |
| Features       | Automotive Grade, DC Multipurpose Applications  |
| RoHS           | Yes   |
| Termination    | Tinned Wire   |
| Lead           | Wire Leads  |
| Qualifications | AEC-Q200  |
| AEC-Q200       | Yes   |
| Miscellaneous  | Upper Operating Temperature Of 125C Is Allowed For A Maximum Operating Time Of 1,000 Hours. Above 85C, DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                  |
|----|------------------|
| L  | 13mm +0.2/-0.5mm |
| H  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 10mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 500mm |
| Packaging Quantity | 1250       |

### Specifications

|                       |            |
|-----------------------|------------|
| Capacitance           | 0.33 uF    |
| Tolerance             | 10%        |
| Voltage DC            | 250 VDC    |
| Voltage AC            | 160 VAC    |
| Temperature Range     | -55/+105°C |
| Rated Temperature     | 85°C       |
| Dissipation Factor    | 1% 1kHz    |
| Insulation Resistance | 30 GOhms   |
| Max dV/dt             | 150 V/us   |
| Inductance            | 9 nH       |

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