

## R60IF3100AA6AK

Aliases (60IF3100AA6AK)

R60, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 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              | Cut (Tinned Wire)   |
| Lead                     | Cut   |
| Qualifications           | AEC-Q200  |
| Typical Component Weight | 0.8 g   |
| 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  | 9mm +0.1/-0.5mm  |
| T  | 4mm +0.2/-0.5mm  |
| S  | 10mm +/-0.4mm    |
| LL | 4mm +1.5mm       |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 2000      |

### Specifications

|                       |                     |
|-----------------------|---------------------|
| Capacitance           | 0.1 uF              |
| Tolerance             | 10%                 |
| Voltage DC            | 250 VDC             |
| Voltage AC            | 160 VAC             |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 30 GOhms            |
| Max dV/dt             | 150 V/us            |
| Inductance            | 9 nH                |

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