

## R60DI3680JH30J

Aliases (60DI3680JH30J)

R60, Film, Metallized Polyester, Automotive Grade, 0.68 uF, 5%, 63 VDC, 85°C, Lead Spacing = 15mm



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

### Dimensions

|    |                   |
|----|-------------------|
| L  | 18mm +0.3mm       |
| H  | 11mm +0.1mm       |
| T  | 5mm +0.2mm        |
| S  | 15mm +/-0.4mm     |
| LL | 3.2mm +0.3/-0.2mm |
| F  | 0.8mm +/-0.05mm   |

### Packaging Specifications

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

### General Information

|                |   |
|----------------|---|
| Series         | R60   |
| Dielectric     | Metallized Polyester  |
| Style          | Radial  |
| Features       | Automotive Grade, DC Multipurpose Applications  |
| RoHS           | Yes   |
| Lead           | Cut   |
| 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. |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.68 uF      |
| Capacitance Tolerance | 5%           |
| Voltage AC            | 40 VAC       |
| Voltage DC            | 63 VDC       |
| Temperature Range     | -55/+105°C   |
| Rated Temperature     | 85°C         |
| Dissipation Factor    | 1% 1kHz      |
| Insulation Resistance | 1.8382 GOhms |
| Max dV/dt             | 2.5 V/us     |
| Inductance            | 10 nH        |