

## R60DI4680JE30K

Aliases (60DI4680JE30K)

R60, Film, Metallized Polyester, Automotive Grade, 6.8 uF, 10%, 63 VDC, 85°C, 15 mm



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

### General Information

|                |                                                                                                                                               |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Series         | R60                                                                                                                                           |
| Dielectric     | Metallized Polyester                                                                                                                          |
| Style          | Radial                                                                                                                                        |
| Features       | Automotive Grade, DC Multipurpose Applications                                                                                                |
| RoHS           | Yes                                                                                                                                           |
| Termination    | Cut (Tinned Wire)                                                                                                                             |
| 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. |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +/-0.5mm    |
| H  | 16mm +0.1/-0.5mm |
| T  | 10mm +0.2/-0.5mm |
| S  | 15mm +/-0.4mm    |
| LL | 4mm +0.5mm       |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 750       |

### Specifications

|                       |             |
|-----------------------|-------------|
| Capacitance           | 6.8 uF      |
| Tolerance             | 10%         |
| Voltage DC            | 63 VDC      |
| Voltage AC            | 40 VAC      |
| Temperature Range     | -55/+105°C  |
| Rated Temperature     | 85°C        |
| Dissipation Factor    | 1% 1kHz     |
| Insulation Resistance | 183.8 MOhms |
| Max dV/dt             | 2.5 V/us    |
| Inductance            | 10 nH       |

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