

## R60DI46805030K

Aliases (60DI46805030K)

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



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

| Dimensions |                 |
|------------|-----------------|
| L          | 18mm +0.5mm     |
| H          | 16mm +0.1mm     |
| T          | 10mm +0.2mm     |
| S          | 15mm +/-0.4mm   |
| LL         | 25mm +2/-1mm    |
| F          | 0.8mm +/-0.05mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 500       |

| General Information |   |
|---------------------|---|
| Series              | R60   |
| Dielectric          | Metallized Polyester  |
| Style               | Radial  |
| Features            | Automotive Grade, DC Multipurpose Applications  |
| RoHS                | Yes   |
| Lead                | Wire Leads  |
| Qualifications      | AEC-Q200  |
| AEC-Q200            | Yes   |
| Component Weight    | 4.7 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. |

| Specifications        |             |
|-----------------------|-------------|
| Capacitance           | 6.8 uF      |
| Capacitance Tolerance | 10%         |
| Voltage AC            | 40 VAC      |
| Voltage DC            | 63 VDC      |
| 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       |