

## R60GI4150CKL0K

Aliases (60GI4150CKL0K)

R60, Film, Metallized Polyester, Automotive Grade, 1.5 uF, 10%, 160 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    | 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. |

### Specifications

|                       |            |
|-----------------------|------------|
| Capacitance           | 1.5 uF     |
| Tolerance             | 10%        |
| Voltage DC            | 160 VDC    |
| Voltage AC            | 90 VAC     |
| Temperature Range     | -55/+105°C |
| Rated Temperature     | 85°C       |
| Dissipation Factor    | 1% 1kHz    |
| Insulation Resistance | 10 GOhms   |
| Max dV/dt             | 9 V/us     |
| Inductance            | 10 nH      |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 18mm +/-0.5mm      |
| H  | 12.5mm +0.1/-0.5mm |
| T  | 9mm +0.2/-0.5mm    |
| S  | 15mm +/-0.4mm      |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 500mm |
| Packaging Quantity | 650        |

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