

## R60GI4150AA30K

## Aliases (60GI4150AA30K)

R60, Film, Metallized Polyester, Automotive Grade, 1.5 uF, 10%, 160 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 18mm +0.5mm     |
| н          | 14.5mm +0.1mm   |
| т          | 8.5mm +0.2mm    |
| S          | 15mm +/-0.4mm   |
| LL         | 4mm +1.5mm      |
| F          | 0.8mm +/-0.05mm |

| Packaging Specifications |           |  |  |
|--------------------------|-----------|--|--|
| Packaging                | Bulk, Bag |  |  |
| Packaging Quantity       | 1000      |  |  |

| 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  |
| Component<br>Weight | 2.99 g   |
| Miscellaneous       | Upper Operating Temperature Of 125C Is Allowed<br>For A Maximum Operating Time Of 1,000 Hours.<br>Above 85C, DC And AC Voltage Derating Is<br>1.25%/C. |

| Specifications        |            |  |  |
|-----------------------|------------|--|--|
| Capacitance           | 1.5 uF     |  |  |
| Capacitance Tolerance | 10%        |  |  |
| Voltage AC            | 90 VAC     |  |  |
| Voltage DC            | 160 VDC    |  |  |
| 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      |  |  |

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