

## R60GI41504030K

## Aliases (60GI41504030K)

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         | 30mm +5mm       |
| 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<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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