

## R60GI415050L0J

Aliases (60GI415050L0J)

R60, Film, Metallized Polyester, Automotive Grade, 1.5 uF, 5%, 160 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 18mm +0.5mm     |
| Н          | 12.5mm +0.1mm   |
| Т          | 9mm +0.2mm      |
| S          | 15mm +/-0.4mm   |
| LL         | 25mm +2/-1mm    |
| F          | 0.8mm +/-0.05mm |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 520       |  |

| 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                                                                                                                                                 |  |
| 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 1.25%/C. |  |

| Specifications        |            |
|-----------------------|------------|
| Capacitance           | 1.5 uF     |
| Capacitance Tolerance | 5%         |
| 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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