

## R60IN41505030K

Aliases (60IN41505030K)

R60, Film, Metallized Polyester, Automotive Grade, 1.5 uF, 10%, 250 VDC, 85°C, 22.5 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. |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 16mm +0.1/-0.5mm   |
| T  | 7mm +0.2/-0.5mm    |
| S  | 22.5mm +/-0.4mm    |
| LL | 25mm +2/-1mm       |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

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

### Specifications

|                       |            |
|-----------------------|------------|
| Capacitance           | 1.5 uF     |
| Tolerance             | 10%        |
| Voltage DC            | 250 VDC    |
| Voltage AC            | 160 VAC    |
| Temperature Range     | -55/+105°C |
| Rated Temperature     | 85°C       |
| Dissipation Factor    | 1% 1kHz    |
| Insulation Resistance | 10 GOhms   |
| Max dV/dt             | 8 V/us     |
| Inductance            | 18 nH      |

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