

## R60II4100DQ30J

Aliases (60II4100DQ30J)

R60, Film, Metallized Polyester, Automotive Grade, 1 uF, 5%, 250 VDC, 85°C, Lead Spacing = 15mm



Click [here](#) for the 3D model.

### Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm +0.5mm     |
| H  | 14.5mm +0.1mm   |
| T  | 8.5mm +0.2mm    |
| S  | 15mm +/-0.4mm   |
| H0 | 18.5mm +/-0.5mm |
| F  | 0.8mm +/-0.05mm |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 440                     |

### 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 Weight | 3.3 g   |
| 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 uF       |
| Capacitance Tolerance | 5%         |
| Voltage AC            | 160 VAC    |
| Voltage DC            | 250 VDC    |
| Temperature Range     | -55/+105°C |
| Rated Temperature     | 85°C       |
| Dissipation Factor    | 1% 1kHz    |
| Insulation Resistance | 10 GOhms   |
| Max dV/dt             | 12 V/us    |
| Inductance            | 10 nH      |