

## R60DN5100CK30J

Aliases (60DN5100CK30J)

R60, Film, Metallized Polyester, Automotive Grade, 10 uF, 5%, 63 VDC, 85°C, 22.5 mm



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### 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  |
| Typical Component Weight | 6 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. |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 17mm +0.1/-0.5mm   |
| T  | 8.5mm +0.2/-0.5mm  |
| S  | 22.5mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 500mm |
| Packaging Quantity | 450        |

### Specifications

|                       |            |
|-----------------------|------------|
| Capacitance           | 10 uF      |
| Tolerance             | 5%         |
| Voltage DC            | 63 VDC     |
| Voltage AC            | 40 VAC     |
| Temperature Range     | -55/+105°C |
| Rated Temperature     | 85°C       |
| Dissipation Factor    | 1% 1kHz    |
| Insulation Resistance | 125 MOhms  |
| Max dV/dt             | 1.5 V/us   |
| Inductance            | 18 nH      |

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