

## R60EI42205030J

Aliases (60EI42205030J)

R60, Film, Metallized Polyester, Automotive Grade, 2.2 uF, 5%, 100 VDC, 85°C, 15 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 | 2 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  | 18mm +/-0.5mm      |
| H  | 14.5mm +0.1/-0.5mm |
| T  | 8.5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm      |
| LL | 25mm +2/-1mm       |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

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

### Specifications

|                       |             |
|-----------------------|-------------|
| Capacitance           | 2.2 uF      |
| Tolerance             | 5%          |
| Voltage DC            | 100 VDC     |
| Voltage AC            | 63 VAC      |
| Temperature Range     | -55/+105°C  |
| Rated Temperature     | 85°C        |
| Dissipation Factor    | 1% 1kHz     |
| Insulation Resistance | 568.2 MOhms |
| Max dV/dt             | 3 V/us      |
| Inductance            | 10 nH       |

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