

## R60EI3680AA30J

Aliases (60EI3680AA30J)

R60, Film, Metallized Polyester, Automotive Grade, 0.68 uF, 5%, 100 VDC, 85°C, Lead Spacing = 15mm



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| Dimensions |                 |
|------------|-----------------|
| L          | 18mm +0.3mm     |
| H          | 11mm +0.1mm     |
| T          | 5mm +0.2mm      |
| S          | 15mm +/-0.4mm   |
| LL         | 4mm +1.5mm      |
| F          | 0.8mm +/-0.05mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 2000      |

| General Information |   |
|---------------------|---|
| Series              | R60   |
| Dielectric          | Metallized Polyester  |
| Style               | Radial  |
| Features            | Automotive Grade, DC Multipurpose Applications  |
| RoHS                | Yes   |
| Lead                | Cut   |
| Qualifications      | AEC-Q200  |
| AEC-Q200            | Yes   |
| Component Weight    | 1.34 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           | 0.68 uF      |
| Capacitance Tolerance | 5%           |
| Voltage AC            | 63 VAC       |
| Voltage DC            | 100 VDC      |
| Temperature Range     | -55/+105°C   |
| Rated Temperature     | 85°C         |
| Dissipation Factor    | 1% 1kHz      |
| Insulation Resistance | 1.8382 GOhms |
| Max dV/dt             | 3 V/us       |
| Inductance            | 10 nH        |

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