

## R60EF3680506AJ

Aliases (60EF3680506AJ)

R60, Film, Metallized Polyester Stacked, Automotive Grade, 0.68 uF, 5%, 100 VDC, 85°C, 10 mm



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

### General Information

|                          |                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Series                   | R60                                                                                                                                           |
| Dielectric               | Metallized Polyester Stacked                                                                                                                  |
| Style                    | Radial                                                                                                                                        |
| Features                 | Automotive Grade, DC Multipurpose Applications                                                                                                |
| RoHS                     | Yes                                                                                                                                           |
| Termination              | Tinned Wire                                                                                                                                   |
| Lead                     | Wire Leads                                                                                                                                    |
| Qualifications           | AEC-Q200                                                                                                                                      |
| AEC-Q200                 | Yes                                                                                                                                           |
| Typical Component Weight | 0.889 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  | 13mm +0.2/-0.5mm |
| H  | 9mm +0.1/-0.5mm  |
| T  | 4mm +0.2/-0.5mm  |
| S  | 10mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1800      |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.68 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 | 1.8382 GOhms |
| Max dV/dt             | 75 V/us      |
| Inductance            | 9 nH         |

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