

## R60DF4220406AK

Aliases (60DF4220406AK)

R60, Film, Metallized Polyester Stacked, Automotive Grade, 2.2 uF, 10%, 63 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                                                                                                                                           |
| 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  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 10mm +/-0.4mm    |
| LL | 30mm +5mm        |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1500      |

### Specifications

|                       |             |
|-----------------------|-------------|
| Capacitance           | 2.2 uF      |
| Tolerance             | 10%         |
| Voltage DC            | 63 VDC      |
| Voltage AC            | 40 VAC      |
| Temperature Range     | -55/+105°C  |
| Rated Temperature     | 85°C        |
| Dissipation Factor    | 1% 1kHz     |
| Insulation Resistance | 568.2 MOhms |
| Max dV/dt             | 50 V/us     |
| Inductance            | 9 nH        |

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