

## R60QI21005000K

Aliases (60QI21005000K)

R60, Film, Metallized Polyester, Automotive Grade, 0.01 uF, 10%, 1000 VDC, 85°C, 15mm



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

### Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm +0.3mm     |
| H  | 11mm +0.1mm     |
| T  | 5mm +0.2mm      |
| S  | 15mm +/-0.4mm   |
| LL | 25mm +2/-1mm    |
| F  | 0.8mm +/-0.05mm |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1000      |

### General Information

|                          |                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Series                   | R60                                                                                                                                           |
| Dielectric               | Metallized Polyester                                                                                                                          |
| Style                    | Radial                                                                                                                                        |
| Features                 | Automotive Grade, DC Multipurpose Applications                                                                                                |
| RoHS                     | Yes                                                                                                                                           |
| Lead                     | Wire Leads                                                                                                                                    |
| Qualifications           | AEC-Q200                                                                                                                                      |
| AEC-Q200                 | Yes                                                                                                                                           |
| Typical Component Weight | 1g                                                                                                                                            |
| 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           | 0.01 uF             |
| Capacitance Tolerance | 10%                 |
| Voltage AC            | 250 VAC             |
| Voltage DC            | 1000 VDC            |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 30 GOhms            |
| Max dV/dt             | 30 V/us             |
| Inductance            | 10 nH               |