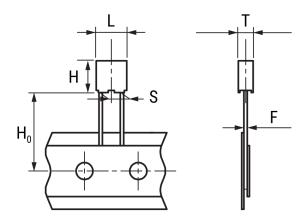


## R82EC2560DQ60K

Aliases (82EC2560DQ60K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.056 uF, 10%, 100 VDC, 85°C, Lead Spacing = 5mm



| General Information |   |
|---------------------|---|
| Series              | R82   |
| Dielectric          | Metallized Polyester Stacked                      |
| Style               | Radial  |
| Features            | Automotive Grade, DC Multipurpose<br>Applications |
| RoHS                | Yes   |
| Lead                | Wire Leads  |
| Qualifications      | AEC-Q200  |
| AEC-Q200            | Yes   |
| Component<br>Weight | 0.331 g   |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C.  |

| Dimensions |                 |
|------------|-----------------|
| L          | 7.2mm +0.2mm    |
| Н          | 6.5mm +0.1mm    |
| Т          | 2.5mm +0.1mm    |
| S          | 5mm +0.6/-0.1mm |
| НО         | 18.5mm +/-0.5mm |
| F          | 0.5mm +/-0.05mm |

| Specifications        |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 0.056 uF                           |
| Capacitance Tolerance | 10%                                |
| Voltage AC            | 63 VAC                             |
| Voltage DC            | 100 VDC                            |
| Temperature Range     | -55/+105°C                         |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 15 GOhms                           |
| Max dV/dt             | 200 V/us                           |
| Inductance            | 7 nH                               |

| Packaging Specifications |                         |
|--------------------------|-------------------------|
| Packaging                | Ammo, 360x340x59mm, Box |
| Packaging Quantity       | 3500                    |

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