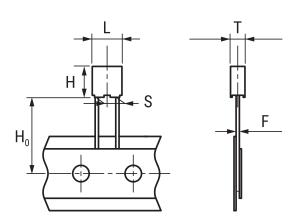


## R82DC4100DQ60K

Aliases (82DC4100DQ60K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 10%, 63 VDC,  $85^{\circ}$ C, 5 mm



Click here for the 3D model.

| General Information      |   |
|--------------------------|---|
| Series                   | R82   |
| Dielectric               | Metallized Polyester Stacked                        |
| Style                    | Radial  |
| Features                 | Automotive Grade, DC<br>Multipurpose Applications   |
| RoHS                     | Yes   |
| Termination              | Tinned Wire   |
| Lead                     | Wire Leads  |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 0.72 g  |
| Miscellaneous            | Above 85C DC And AC Voltage<br>Derating Is 1.25%/C. |

| Dimensions |                   |
|------------|-------------------|
| L          | 7.2mm +0.3/-0.5mm |
| Н          | 10mm +0.1/-0.5mm  |
| Т          | 5mm +0.1/-0.5mm   |
| S          | 5mm +/-0.4mm      |
| НО         | 18.5mm +/-0.5mm   |
| F          | 0.5mm +/-0.05mm   |
|            |                   |

| Packaging Specifications |                         |
|--------------------------|-------------------------|
| Packaging                | Ammo, 360x340x59mm, Box |
| Packaging Quantity       | 1700                    |

| Specifications        |                       |
|-----------------------|-----------------------|
| Capacitance           | 1uF                   |
| Tolerance             | 10%                   |
| Voltage DC            | 63 VDC                |
| Voltage AC            | 40 VAC                |
| Temperature Range     | -55/+105°C            |
| Rated Temperature     | 85°C                  |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance | 5 GOhms               |
| Max dV/dt             | 160 V/us              |
| Inductance            | 7 nH                  |

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