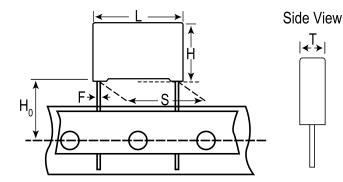


## R60MF3100DQ6AK

Aliases (60MF3100DQ6AK) R60, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 10%, 400 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<br>Multipurpose Applications  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire  |
| Lead                     | Wire Leads   |
| Qualifications           | AEC-Q200   |
| AEC-Q200                 | Yes  |
| Typical Component Weight | 1.22 g   |
| Miscellaneous            | Upper Operating Temperature<br>Of 125C Is Allowed For A<br>Maximum Operating Time Of<br>1,000 Hours. Above 85C, DC<br>And AC Voltage Derating Is<br>1.25%/C. |

| Dimensions |                  |
|------------|------------------|
| L          | 13mm +0.2/-0.5mm |
| н          | 11mm +0.1/-0.5mm |
| Т          | 5mm +0.2/-0.5mm  |
| S          | 10mm +/-0.4mm    |
| НО         | 18.5mm +/-0.5mm  |
| F          | 0.6mm +/-0.05mm  |
|            |                  |

| Packaging Specifications |                         |
|--------------------------|-------------------------|
| Packaging                | Ammo, 360x340x59mm, Box |
| Packaging Quantity       | 800                     |

| Specifications        |                     |
|-----------------------|---------------------|
| Capacitance           | 0.1 uF              |
| Tolerance             | 10%                 |
| Voltage DC            | 400 VDC             |
| Voltage AC            | 200 VAC             |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 30 GOhms            |
| Max dV/dt             | 175 V/us            |
| Inductance            | 9 nH                |

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