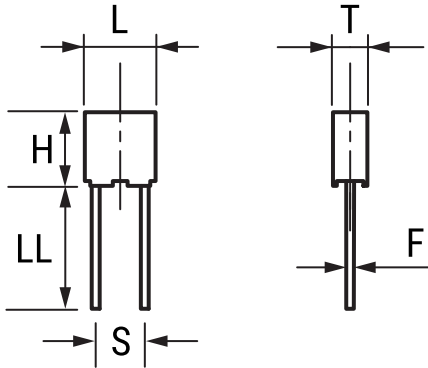


R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.15 uF, 10%, 63 VDC, 85C, Lead Spacing = 5mm



| Dimensions |                 |
|------------|-----------------|
| L          | 7.2mm +0.2mm    |
| H          | 6.5mm +0.1mm    |
| T          | 2.5mm +0.1mm    |
| S          | 5mm +/-0.4mm    |
| LL         | 4mm +1.5mm      |
| F          | 0.5mm +/-0.05mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 3000      |

| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | R82   |
| Dielectric:         | Metallized Polyester Stacked                    |
| Style:              | Radial  |
| Features:           | Automotive Grade, DC Multipurpose Applications  |
| RoHS:               | Yes   |
| Lead:               | Cut   |
| Qualifications:     | AEC-Q200  |
| AEC-Q200:           | Yes   |
| Miscellaneous:      | Above 85C DC And AC Voltage Derating Is 1.25%/C |

| Specifications         |                         |
|------------------------|-------------------------|
| Capacitance:           | 0.15 uF                 |
| Capacitance Tolerance: | 10%                     |
| Voltage AC:            | 40 VAC                  |
| Voltage DC:            | 63 VDC                  |
| Temperature Range:     | -55/+105C               |
| Rated Temperature:     | 85C                     |
| Dissipation Factor:    | 0.80% 1kHz, 1.20% 10kHz |
| Insulation Resistance: | 15 GOhms                |
| Max dV/dt:             | 160 V/us                |
| Inductance:            | 7 nH                    |

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