

R60, Film, Metallized Polyester, Automotive Grade, 6800 pF, 10%, 630 VDC, 85C, Lead Spacing = 10mm



| Dimensions |                 |
|------------|-----------------|
| L          | 13mm +0.2mm     |
| H          | 9mm +0.1mm      |
| T          | 4mm +0.2mm      |
| S          | 10mm +/-0.4mm   |
| LL         | 30mm +5mm       |
| F          | 0.6mm +/-0.05mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 1800      |

| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | R60   |
| Dielectric:         | Metallized Polyester  |
| Style:              | Radial  |
| Features:           | Automotive Grade, DC Multipurpose Applications  |
| RoHS:               | Yes   |
| Lead:               | Wire Leads  |
| Qualifications:     | AEC-Q200  |
| AEC-Q200:           | Yes   |
| 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:           | 6800 pF                 |
| Capacitance Tolerance: | 10%                     |
| Voltage AC:            | 220 VAC                 |
| Voltage DC:            | 630 VDC                 |
| Temperature Range:     | -55/+105C               |
| Rated Temperature:     | 85C                     |
| Dissipation Factor:    | 1.00% 1kHz, 1.50% 10kHz |
| Insulation Resistance: | 30 GOhms                |
| Max dV/dt:             | 40 V/us                 |
| Inductance:            | 9 nH                    |