

R75, Film, Metallized Polypropylene, Automotive Grade, 0.033 uF, 5%, 250 VDC, 85C, Lead Spacing = 10mm



| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | R75   |
| Dielectric:         | Metallized Polypropylene                        |
| Style:              | Radial  |
| Features:           | Automotive Grade, Pulse                         |
| RoHS:               | Yes   |
| Lead:               | Wire Leads                                      |
| Qualifications:     | AEC-Q200  |
| AEC-Q200:           | Yes   |
| Miscellaneous:      | Above 85C DC And AC Voltage Derating Is 1.25%/C |

| 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 |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 0.033 uF                              |
| Capacitance Tolerance: | 5%                                    |
| Voltage AC:            | 160 VAC                               |
| Voltage DC:            | 250 VDC                               |
| Temperature Range:     | -55/+105C                             |
| Rated Temperature:     | 85C                                   |
| Dissipation Factor:    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance: | 100 GOhms                             |
| Max dV/dt:             | 550 V/us                              |
| Inductance:            | 9 nH                                  |

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

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