

R75, Film, Metallized Polypropylene, Automotive Grade, 0.068 uF, 10%, 400 VDC, 85°C, Lead Spacing = 10mm



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

| Dimensions |                  |
|------------|------------------|
| L          | 13mm +0.2/-0.5mm |
| H          | 12mm +0.1/-0.5mm |
| T          | 6mm +0.2/-0.5mm  |
| S          | 10mm +/-0.4mm    |
| LL         | 4mm +0.5mm       |
| F          | 0.6mm +/-0.05mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 1000      |

| Specifications         |                                        |
|------------------------|----------------------------------------|
| Capacitance:           | 0.068 uF                               |
| Capacitance Tolerance: | 10%                                    |
| Voltage AC:            | 220 VAC                                |
| Voltage DC:            | 400 VDC                                |
| Temperature Range:     | -55/+105°C                             |
| Rated Temperature:     | 85°C                                   |
| Dissipation Factor:    | 0.04% 1kHz, 0.06% 10kHz                |
| Insulation Resistance: | 100 GOhms                              |
| Max dV/dt:             | 1300 V/us                              |
| Resistance:            | 17.7 mOhms (100kHz)                    |
| Ripple Current:        | 3.66 Amps (100kHz 85C), 88 Amps (Peak) |
| Inductance:            | 9 nH                                   |

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