

## R75RI2560CK30K

Aliases (75RI2560CK30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.056 uF, 10%, 1,250 VDC, 85°C, 15 mm



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### General Information

|                          |  |
|--------------------------|--|
| Series                   | R75  |
| Dielectric               | Metallized Polypropylene                         |
| Style                    | Radial   |
| Features                 | Automotive Grade, Pulse                          |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                      |
| Lead                     | Wire Leads                                       |
| Qualifications           | AEC-Q200   |
| Typical Component Weight | 5.1 g  |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +/-0.5mm    |
| H  | 19mm +0.1/-0.5mm |
| T  | 11mm +0.2/-0.5mm |
| S  | 15mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, Large |
| Packaging Quantity | 500        |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.056 uF                              |
| Tolerance             | 10%                                   |
| Voltage DC            | 1250 VDC                              |
| Voltage AC            | 600 VAC                               |
| Temperature Range     | -55/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 3,300 V/us                            |
| ESR                   | 19.9 mOhms (100kHz)                   |
| Ripple Current        | 5 Amps (100kHz 85C), 185 Amps (Peak)  |
| Inductance            | 10 nH                                 |

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