

## R75PI2560AA30J

Aliases (75PI2560AA30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.056 uF, 5%, 630 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| н          | 11mm +0.1/-0.5mm |
| т          | 5mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 4mm +2mm         |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 2000      |  |

| General Information |   |
|---------------------|---|
| Series              | R75   |
| Dielectric          | Metallized Polypropylene                            |
| Style               | Radial  |
| Features            | Automotive Grade, Pulse                             |
| RoHS                | Yes   |
| Lead                | Cut   |
| Qualifications      | AEC-Q200  |
| AEC-Q200            | Yes   |
| Component<br>Weight | 1.356 g   |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is<br>1.25%/C. |

| Specifications            | ,                                      |
|---------------------------|--|
| Capacitance               | 0.056 uF                               |
| Capacitance Tolerance     | 5%                                     |
| Voltage AC                | 250 VAC                                |
| Voltage DC                | 630 VDC                                |
| Temperature Range         | -55/+105°C                             |
| Rated Temperature         | 85°C                                   |
| <b>Dissipation Factor</b> | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz  |
| Insulation Resistance     | 100 GOhms                              |
| Max dV/dt                 | 1000 V/us                              |
| Resistance                | 28.4 mOhms (100kHz)                    |
| Ripple Current            | 3.42 Amps (100kHz 85C), 56 Amps (Peak) |
| Inductance                | 10 nH                                  |

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