

## R75UN2560AA30K

## Aliases (75UN2560AA30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.056 uF, 10%, 2000 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 26.5mm +0.3/-0.5mm |
| н          | 20mm +0.1/-0.5mm   |
| т          | 11mm +0.2/-0.5mm   |
| S          | 22.5mm +/-0.4mm    |
| LL         | 4mm +2mm           |
| F          | 0.8mm +/-0.05mm    |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 360       |  |

| 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 | 7.706 g  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications            |   |
|---------------------------|---|
| Capacitance               | 0.056 uF                                |
| Capacitance Tolerance     | 10%                                     |
| Voltage AC                | 700 VAC                                 |
| Voltage DC                | 2000 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                 | 3500 V/us                               |
| Resistance                | 19.9 mOhms (100kHz)                     |
| Ripple Current            | 5.44 Amps (100kHz 85C), 224 Amps (Peak) |
| Inductance                | 18 nH                                   |

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