

## R75PI31505030M

## Aliases (75PI31505030M)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.15 uF, 20%, 630 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 18mm +/-0.5mm      |
| н          | 14.5mm +0.1/-0.5mm |
| т          | 8.5mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm      |
| LL         | 25mm +2/-1mm       |
| F          | 0.8mm +/-0.05mm    |

| Pac | kag | ing Specificati | ons |
|-----|-----|-----------------|-----|
|     |     |                 |     |

| Packaging Bulk, Bag    | ] |
|------------------------|---|
| Packaging Quantity 500 |   |

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

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 0.15 uF                                 |
| Capacitance Tolerance | 20%                                     |
| Voltage AC            | 250 VAC                                 |
| Voltage DC            | 630 VDC                                 |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                 |
| Insulation Resistance | 100 GOhms                               |
| Max dV/dt             | 1000 V/us                               |
| Resistance            | 10.6 mOhms (100kHz)                     |
| Ripple Current        | 6.28 Amps (100kHz 85C), 150 Amps (Peak) |
| Inductance            | 10 nH                                   |

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