

## R75ID3150JEA0J

## Aliases (75ID3150JEA0J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.15 uF, 5%, 250 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

Packaging Quantity

| Dimensions |                    |
|------------|--------------------|
| L          | 10.5mm +0.2/-0.5mm |
| н          | 12mm +0.1/-0.5mm   |
| т          | 6mm +0.1/-0.5mm    |
| S          | 7.5mm +/-0.4mm     |
| LL         | 4mm +0.5mm         |
| F          | 0.5mm +/-0.05mm    |

Bulk

1000

| Packaging Specifications |  |
|--------------------------|--|
| Packaging                |  |

| 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. |  |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 0.15 uF                                |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 140 VAC                                |
| Voltage DC            | 250 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             | 180 V/us                               |
| Resistance            | 7.4 mOhms (100kHz)                     |
| Ripple Current        | 6.23 Amps (100kHz 85C), 27 Amps (Peak) |
| Inductance            | 8 nH                                   |

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