

## R75MI31505030K

## Aliases (75MI31505030K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.15 uF, 10%, 400 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| н          | 12mm +0.1/-0.5mm |
| т          | 6mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 25mm +2/-1mm     |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 900       |  |

| General Information |  |
|---------------------|--|
| Series              | R75  |
| Dielectric          | Metallized Polypropylene                         |
| Style               | Radial   |
| Features            | Automotive Grade, Pulse                          |
| RoHS                | Yes  |
| Lead                | Wire Leads                                       |
| Qualifications      | AEC-Q200   |
| AEC-Q200            | Yes  |
| Component<br>Weight | 2.023 g  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications            |   |
|---------------------------|---|
| Capacitance               | 0.15 uF                                 |
| Capacitance Tolerance     | 10%                                     |
| Voltage AC                | 220 VAC                                 |
| Voltage DC                | 400 VDC                                 |
| Temperature Range         | -55/+105°C                              |
| Rated Temperature         | 85°C                                    |
| <b>Dissipation Factor</b> | 0.05% 1kHz, 0.08% 10kHz                 |
| Insulation Resistance     | 100 GOhms                               |
| Max dV/dt                 | 900 V/us                                |
| Resistance                | 10.6 mOhms (100kHz)                     |
| Ripple Current            | 5.81 Amps (100kHz 85C), 135 Amps (Peak) |
| Inductance                | 10 nH                                   |

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