

## R75UI2150CK70K

## Aliases (75UI2150CK70K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.015 uF, 10%, 2000 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +/-0.5mm    |
| н          | 12mm +0.1/-0.5mm |
| т          | 13mm +0.1/-0.5mm |
| S          | 15mm +/-0.4mm    |
| НО         | 18.5mm +/-0.5mm  |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, Large |
| Packaging Quantity       | 480        |

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

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 0.015 uF                               |
| Capacitance Tolerance | 10%                                    |
| Voltage AC            | 700 VAC                                |
| Voltage DC            | 2000 VDC                               |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz  |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 9500 V/us                              |
| Resistance            | 53.1 mOhms (100kHz)                    |
| Ripple Current        | 2.9 Amps (100kHz 85C), 143 Amps (Peak) |
| Inductance            | 10 nH                                  |

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