

## R75MI2680AA30J

## Aliases (75MI2680AA30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.068 uF, 5%, 400 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| н          | 11mm +0.1/-0.5mm |
| т          | 5mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 4mm +2mm         |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 2000      |  |

| 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 | 1.32 g  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is<br>1.25%/C. |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 0.068 uF                               |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 220 VAC                                |
| Voltage DC            | 400 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             | 900 V/us                               |
| Resistance            | 23.41 mOhms (100kHz)                   |
| Ripple Current        | 3.77 Amps (100kHz 85C), 61 Amps (Peak) |
| Inductance            | 10 nH                                  |

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