

## R75MD2330JE40J

## Aliases (75MD2330JE40J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.033 uF, 5%, 400 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 10mm +0.2/-0.5mm   |
| Н          | 10.5mm +0.1/-0.5mm |
| т          | 5mm +0.1/-0.5mm    |
| S          | 7.5mm +/-0.4mm     |
| LL         | 4mm +0.5mm         |
| F          | 0.5mm +/-0.05mm    |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging                | Bulk |  |
| Packaging Quantity       | 1500 |  |

| 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               | 0.033 uF                               |
| Capacitance Tolerance     | 5%                                     |
| Voltage AC                | 220 VAC                                |
| Voltage DC                | 400 VDC                                |
| Temperature Range         | -55/+105°C                             |
| Rated Temperature         | 85°C                                   |
| <b>Dissipation Factor</b> | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz  |
| Insulation Resistance     | 100 GOhms                              |
| Max dV/dt                 | 1500 V/us                              |
| Resistance                | 33.8 mOhms (100kHz)                    |
| Ripple Current            | 2.75 Amps (100kHz 85C), 50 Amps (Peak) |
| Inductance                | 8 nH                                   |

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