

## R75MF215050H0J

Aliases (75MF215050H0J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.015 uF, 5%, 400 VDC, 105°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 13mm +0.2/-0.5mm |
| Н          | 9mm +0.1/-0.5mm  |
| Т          | 4mm +0.2/-0.5mm  |
| S          | 10mm +/-0.4mm    |
| LL         | 25mm +2/-1mm     |
| F          | 0.6mm +/-0.05mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 1800      |

| General Information |   |
|---------------------|---|
| Series              | R75H  |
| Dielectric          | Metallized Polypropylene                          |
| Style               | Radial  |
| Features            | Automotive Grade, Pulse                           |
| RoHS                | Yes   |
| Lead                | Wire Leads  |
| Qualifications      | AEC-Q200  |
| AEC-Q200            | Yes   |
| Component<br>Weight | 0.7 g   |
| Miscellaneous       | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.015 uF                              |
| Capacitance Tolerance | 5%                                    |
| Voltage AC            | 220 VAC                               |
| Voltage DC            | 400 VDC                               |
| Temperature Range     | -55/+125°C                            |
| Rated Temperature     | 105°C                                 |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 1300 V/us                             |
| Resistance            | 46.8 mOhms (100kHz)                   |
| Ripple Current        | 3 Amps (100kHz 90C), 61 Amps (Peak)   |
| Inductance            | 9 nH                                  |

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