

## R75MN4100AAH3J

R75H, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 400 VDC, 105°C, Lead Spacing = 22.5mm



Click [here](#) for the 3D model.

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 20mm +0.1/-0.5mm   |
| T  | 11mm +0.2/-0.5mm   |
| S  | 22.5mm +/-0.4mm    |
| LL | 4mm +2mm           |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 360       |

### General Information

|                |   |
|----------------|---|
| Series         | R75H  |
| Dielectric     | Metallized Polypropylene                          |
| Style          | Radial  |
| Features       | Automotive Grade, Pulse                           |
| RoHS           | Yes   |
| Lead           | Cut   |
| Qualifications | AEC-Q200  |
| AEC-Q200       | Yes   |
| Miscellaneous  | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 1 uF                                   |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 220 VAC                                |
| Voltage DC            | 400 VDC                                |
| Temperature Range     | -55/+125°C                             |
| Rated Temperature     | 105°C                                  |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                |
| Insulation Resistance | 30 GOhms                               |
| Max dV/dt             | 300 V/us                               |
| Resistance            | 8 mOhms (100kHz)                       |
| Ripple Current        | 8.6 Amps (100kHz 90C), 300 Amps (Peak) |
| Inductance            | 16 nH                                  |

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