

## R75MR41005040J

Aliases (75MR41005040J)

R75, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 400 VDC, 85°C, 27.5 mm



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | R75  |
| Dielectric               | Metallized Polypropylene                         |
| Style                    | Radial   |
| Features                 | Pulse  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                      |
| Lead                     | Wire Leads                                       |
| AEC-Q200                 | No   |
| Typical Component Weight | 7.21 g   |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                  |
|----|------------------|
| L  | 32mm +0.3/-0.7mm |
| H  | 20mm +0.1/-0.7mm |
| T  | 11mm +0.2/-0.7mm |
| S  | 27.5mm +/-0.4mm  |
| LL | 25mm +2/-1mm     |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 336  |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 1 uF                                    |
| Tolerance             | 5%                                      |
| Voltage DC            | 400 VDC                                 |
| Voltage AC            | 220 VAC                                 |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                 |
| Insulation Resistance | 30 GOhms                                |
| Max dV/dt             | 130 V/us                                |
| ESR                   | 8 mOhms (100kHz)                        |
| Ripple Current        | 8.95 Amps (100kHz 85C), 130 Amps (Peak) |
| Inductance            | 18 nH                                   |

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