

## R75MR41005040K

Aliases (75MR41005040K)

R75, Film, Metallized Polypropylene, General Purpose, 1 uF, 10%, 400 VDC, 85°C, Lead Spacing = 27.5mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| Н          | 20mm +0.1/-0.7mm |
| Т          | 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  |  |

| General Information |                                                  |
|---------------------|--------------------------------------------------|
| Series              | R75                                              |
| Dielectric          | Metallized Polypropylene                         |
| Style               | Radial                                           |
| Features            | Pulse                                            |
| RoHS                | Yes                                              |
| Lead                | Wire Leads                                       |
| AEC-Q200            | No                                               |
| Component<br>Weight | 8.45 g                                           |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications        |                                         |
|-----------------------|-----------------------------------------|
| Capacitance           | 1uF                                     |
| Capacitance Tolerance | 10%                                     |
| Voltage AC            | 220 VAC                                 |
| Voltage DC            | 400 VDC                                 |
| 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                                |
| Resistance            | 8 mOhms (100kHz)                        |
| Ripple Current        | 8.95 Amps (100kHz 85C), 130 Amps (Peak) |
| Inductance            | 18 nH                                   |

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