

## R75JW41004000J

Aliases (75JW41004000J)

R75, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 1300 VDC, 85°C, Lead Spacing = 37.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 41.5mm +0.3/-0.7mm |
| Н          | 28.5mm +0.1/-0.7mm |
| Т          | 16mm +0.3/-0.7mm   |
| S          | 37.5mm +/-0.4mm    |
| LL         | 30mm +5mm          |
| F          | 0.8mm +/-0.05mm    |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Bulk |
| Packaging Quantity       | 108  |

| General Information |  |
|---------------------|--|
| Series              | R75  |
| Dielectric          | Metallized Polypropylene   |
| Style               | Radial   |
| Features            | Automotive Grade, Pulse  |
| RoHS                | Yes  |
| Lead                | Wire Leads   |
| AEC-Q200            | Yes  |
| Component<br>Weight | 21.2 g   |
| Miscellaneous       | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 1uF   |
| Capacitance<br>Tolerance | 5%  |
| Voltage AC               | 400 VAC                                     |
| Voltage DC               | 1300 VDC                                    |
| Temperature Range        | -55/+105°C                                  |
| Rated Temperature        | 85°C  |
| Insulation Resistance    | 30 GOhms                                    |
| Max dV/dt                | 180 V/us                                    |
| Resistance               | 7.958 mOhms (100kHz)                        |
| Ripple Current           | 10.56 Amps (100kHz 85C), 180 Amps<br>(Peak) |
| Inductance               | 20 nH                                       |

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