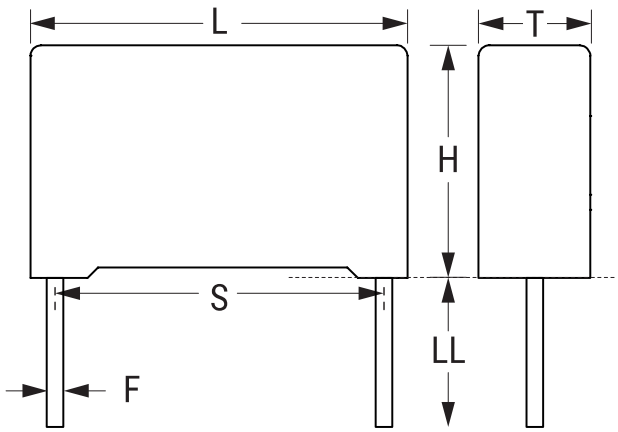
# R75MW510050H3J

Aliases (75MW510050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 10 uF, 5%, 400 VDC, 105°C, 37.5 mm




Click here for the 3D model.

| General Information | |
|---|---|
| Series | R75H |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| Typical Component Weight | 51 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

| Dimensions | |
|---|---|
| L | 41.5mm +0.3/-0.7mm |
| H | 44mm +0.1/-0.7mm |
| T | 24mm +0.3/-0.7mm |
| S | 37.5mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 1mm +/-0.05mm |

| Packaging Specifications | |
|---|---|
| Packaging | Bulk, Bag |
| Packaging Quantity | 72 |

| Specifications | |
|---|---|
| Capacitance | 10 uF |
| Tolerance | 5% |
| Voltage DC | 400 VDC |
| Voltage AC | 220 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.1% 1kHz |
| Insulation Resistance | 3 GOhms |
| Max dV/dt | 70 V/us |
| ESR | 4.8 mOhms (100kHz) |
| Ripple Current | 15.59 Amps (100kHz 90C), 700 Amps (Peak) |
| Inductance | 20 nH |

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