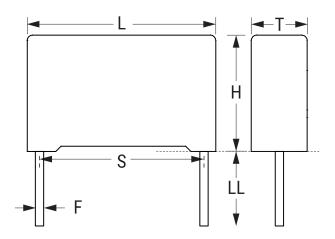


R75TW327050L3J

Aliases (75TW327050L3J) R75, Film, Metallized Polypropylene, General Purpose, 0.27 uF, 5%, 1,600 VDC, 85°C, 37.5 mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 41.5mm +0.3/-0.7mm |
| н          | 15mm +0.1/-0.7mm   |
| Т          | 24mm +0.3/-0.7mm   |
| S          | 37.5mm +/-0.4mm    |
| LL         | 25mm +2/-1mm       |
| F          | 1mm +/-0.05mm      |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 108  |

| 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 | 15.6 g   |
| Miscellaneous            | Above 85C DC voltage derating<br>is 2%/C and AC voltage derating<br>is 1.25%/C . |

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 0.27 uF                                     |
| Tolerance             | 5%  |
| Voltage DC            | 1600 VDC                                    |
| Voltage AC            | 650 VAC                                     |
| Temperature Range     | -55/+105°C                                  |
| Rated Temperature     | 85°C  |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                     |
| Insulation Resistance | 100 GOhms                                   |
| Max dV/dt             | 750 V/us                                    |
| ESR                   | 10.02 mOhms (100kHz)                        |
| Ripple Current        | 9.047 Amps (100kHz 85C), 203<br>Amps (Peak) |
| Inductance            | 20 nH                                       |

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