

## R75PW415050L3J

Aliases (75PW415050L3J)

R75, Film, Metallized Polypropylene, General Purpose, 1.5 uF, 5%, 630 VDC, 85°C, Lead Spacing = 37.5mm



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 +/-0.4mm       |

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

| General Information |  |
|---------------------|--|
| Series              | R75  |
| Dielectric          | Metallized Polypropylene   |
| Style               | Radial   |
| Features            | Pulse  |
| RoHS                | Yes  |
| Lead                | Wire Leads   |
| AEC-Q200            | No   |
| Component<br>Weight | 15.5 g   |
| Miscellaneous       | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 1.5 uF                                      |
| Capacitance<br>Tolerance | 5%  |
| Voltage AC               | 250 VAC                                     |
| Voltage DC               | 630 VDC                                     |
| Temperature Range        | -55/+105°C                                  |
| Rated Temperature        | 85°C  |
| Dissipation Factor       | 0.06% 1kHz, 0.08% 10kHz                     |
| Insulation Resistance    | 20 GOhms                                    |
| Max dV/dt                | 90 V/us                                     |
| Resistance               | 10.61 mOhms (100kHz)                        |
| Ripple Current           | 8.792 Amps (100kHz 85C), 135 Amps<br>(Peak) |
| Inductance               | 20 nH                                       |

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