

KEMET Part Number: R75PI31504030J
(75PI31504030J)

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R75, Film, Metallized Polypropylene, Automotive Grade, 0.15 uF, 5%, 630 VDC, 85°C, Lead Spacing = 15mm



General Information

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|------------------------|--|
| Series: | R75 |
| Dielectric: | Metallized Polypropylene |
| Style: | Radial |
| Features: | Automotive Grade, Pulse |
| RoHS: | Yes |
| Lead: | Wire Leads |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Dimensions

| | |
|-----------|--------------------|
| L | 18mm +/-0.5mm |
| H | 14.5mm +0.1/-0.5mm |
| T | 8.5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 30mm +5mm |
| F | 0.8mm +/-0.05mm |

Specifications

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|-------------------------------|---|
| Capacitance: | 0.15 uF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 250 VAC |
| Voltage DC: | 630 VDC |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance: | 100 GOhms |
| Max dV/dt: | 1000 V/us |
| Resistance: | 10.6 mOhms (100KHz) |
| Ripple Current: | 6.28 Amps (100kHz 85C), 150 Amps (Peak) |
| Inductance: | 10 nH |

Packaging Specifications

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|----------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 500 |

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