

KEMET Part Number: R75QI31005000K
(75QI31005000K)

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R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 1000 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 | 19mm +0.1/-0.5mm |
| T | 11mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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|----------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 350 |

Specifications

| | |
|-------------------------------|---|
| Capacitance: | 0.1 uF |
| Capacitance Tolerance: | 10% |
| Voltage AC: | 250 VAC |
| Voltage DC: | 1000 VDC |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance: | 100 GOhms |
| Max dV/dt: | 2000 V/us |
| Resistance: | 15.9 mOhms (100KHz) |
| Ripple Current: | 5.59 Amps (100kHz 85C), 200 Amps (Peak) |
| Inductance: | 10 nH |

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