

KEMET Part Number: R745I218040H0J
(745I218040H0J)

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R74 125C, Film, Metallized Polypropylene, Automotive Grade, 0.018 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



General Information

| | |
|------------------------|---|
| Series: | R74 125C |
| Dielectric: | Metallized Polypropylene |
| Style: | Radial |
| Features: | Automotive Grade, Pulse |
| RoHS: | Yes |
| Lead: | Wire Leads |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | Above 105C 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

| | |
|-------------------------------|--|
| Capacitance: | 0.018 uF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 500 VAC |
| Voltage DC: | 1600 VDC |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz |
| Insulation Resistance: | 100 GOhms |
| Max dV/dt: | 4500 V/us |
| Inductance: | 10 nH |

Packaging Specifications

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

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