

KEMET Part Number: R745F1330AA00J
(745F1330AA00J)

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R74, Film, Metallized Polypropylene, Automotive Grade, 3300 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 10mm



General Information

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|------------------------|--|
| Series: | R74 |
| Dielectric: | Metallized Polypropylene |
| Style: | Radial |
| Features: | Automotive Grade, Pulse |
| RoHS: | Yes |
| Lead: | Cut |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Dimensions

| | |
|-----------|------------------|
| L | 13mm +0.2/-0.5mm |
| H | 12mm +0.1/-0.5mm |
| T | 6mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

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|----------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 1000 |

Specifications

| | |
|-------------------------------|---------------------------------------|
| Capacitance: | 3300 pF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 500 VAC |
| Voltage DC: | 1600 VDC |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz |
| Insulation Resistance: | 100 GOhms |
| Max dV/dt: | 6000 V/us |
| Resistance: | 192.9 mOhms (100kHz) |
| Ripple Current: | 1 Amps (100kHz 85C), 20 Amps (Peak) |
| Inductance: | 9 nH |

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