

R747I2100AA00K

General Information

Series Dielectric

Style

RoHS

Features

Termination

Aliases (74712100AA00K) Not for New Design R74, Film, Metallized Polypropylene, Automotive Grade, 0.01 uF, 10%, 2,000 VDC, 85°C, 15 mm

R74

Radial

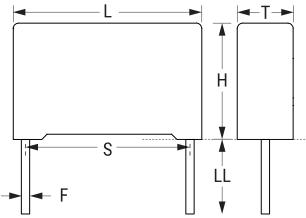
Yes

Metallized Polypropylene

Automotive Grade, Pulse

And AC Voltage

Cut (Tinned Wire)



Click here

| e for the 3D model. | Lead | Cut |
|---|--------------------------|---|
| | Qualifications | AEC-Q200 |
| | AEC-Q200 | Yes |
| | Typical Component Weight | 2.84 g |
| | Miscellaneous | Above 85C DC And AC V Derating Is 1.25%/C. |
| | Notes | Series Replaced by R75. |
| | | |
| | Specifications | |
| 18mm +/-0.5mm | Capacitance | 0.01 uF |
| 14.5mm +0.1/-0.5mm | Tolerance | 10% |
| $9 \text{ Fmm} \pm 0.2 / 0 \text{ Fmm}$ | Voltago DC | 2000 VDC |

| Dimensions | |
|------------|--------------------|
| L | 18mm +/-0.5mm |
| н | 14.5mm +0.1/-0.5mm |
| Т | 8.5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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

| Specifications | |
|-----------------------|--|
| Capacitance | 0.01 uF |
| Tolerance | 10% |
| Voltage DC | 2000 VDC |
| Voltage AC | 700 VAC |
| 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 | 9,500 V/us |
| ESR | 63.7 mOhms (100kHz) |
| Ripple Current | 2.6 Amps (100kHz 85C), 95 Amps (Peak) |
| Inductance | 10 nH |

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