

KEMET Part Number: R49AI31005001K
(49AI31005001K)

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R49 310 VAC, Film, Metallized Polypropylene, Safety, 0.1 uF, 10%, 310 VAC (X1), 800 VDC, 110°C, Lead Spacing = 15mm



Dimensions

| | |
|----|--------------------|
| L | 18mm +/-0.5mm |
| H | 14.5mm +0.1/-0.5mm |
| T | 8.5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

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

General Information

| | |
|-------------------|--------------------------|
| Series: | R49 310 VAC |
| Dielectric: | Metallized Polypropylene |
| Style: | Radial |
| Features: | EMI Safety |
| RoHS: | Yes |
| Lead: | Wire Leads |
| Safety Class: | X1 |
| Qualifications: | ENEC, UL, cUL |
| AEC-Q200: | No |
| THB Performance: | No |
| Component Weight: | 3.46 g |

Specifications

| | |
|------------------------|--------------|
| Capacitance: | 0.1 uF |
| Capacitance Tolerance: | 10% |
| Voltage AC: | 310 VAC (X1) |
| Voltage DC: | 800 VDC |
| Temperature Range: | -40/+110°C |
| Rated Temperature: | 110°C |
| Dissipation Factor: | 0.1% 1kHz |
| Insulation Resistance: | 100 GOhms |
| Max dV/dt: | 500 V/us |

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