

## R49AI31005001K

Aliases (49AI31005001K)

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



Click [here](#) for the 3D model.

### General Information

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

### 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

### Specifications

Capacitance	0.1 uF
Tolerance	10%
Voltage DC	800 VDC
Voltage AC	310 VAC (X1)
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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