

## R749N11504000K

Aliases (749N11504000K)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 1,500 pF, 10%, 2,200 VDC, 85°C, 22.5 mm



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

### General Information

Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

### Specifications

Capacitance	1,500 pF
Tolerance	10%
Voltage DC	2200 VDC
Voltage AC	900 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	2,500 V/us
ESR	424.4 mOhms (100kHz)
Ripple Current	0.8 Amps (100kHz 85C), 4 Amps (Peak)
Inductance	18 nH

### Dimensions

L	26.5mm +0.3/-0.5mm
H	15mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

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