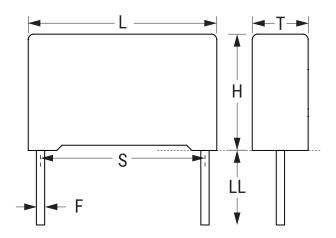


## R749N2150AA00K

Aliases (749N2150AA00K) Not for New Design R74, Film, Metallized Polypropylene, Automotive Grade, 0.015 uF, 10%, 2,200 VDC, 85°C, 22.5 mm



Click here for the 3D model.

26.5mm +0.3/-0.5mm
18.5mm +0.1/-0.5mm
10mm +0.2/-0.5mm
22.5mm +/-0.4mm
4mm +2mm
0.8mm +/-0.05mm

## Packaging Specifications Packaging

Packaging Bulk, Ba	ag
Packaging Quantity 396	

General Information	
Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
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	0.015 uF
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, 0.08% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	2,500 V/us
ESR	53.1 mOhms (100kHz)
Ripple Current	3.2 Amps (100kHz 85C), 38 Amps (Peak)
Inductance	18 nH

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