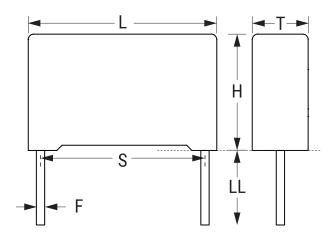


R74LF2180AA00J

Aliases (74LF2180AA00J) Not for New Design R74, Film, Metallized Polypropylene, Automotive Grade, 0.018 uF, 5%, 630 VDC, 85°C, 10 mm



Click here for the 3D model.

13mm +0.2/-0.5mm
11mm +0.1/-0.5mm
5mm +0.2/-0.5mm
10mm +/-0.4mm
4mm +2mm
0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1300

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
Typical Component Weight	1.05 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications	
Capacitance	0.018 uF
Tolerance	5%
Voltage DC	630 VDC
Voltage AC	250 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	300 V/us
ESR	35.4 mOhms (100kHz)
Ripple Current	2.8 Amps (100kHz 85C), 5 Amps (Peak)
Inductance	9 nH

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