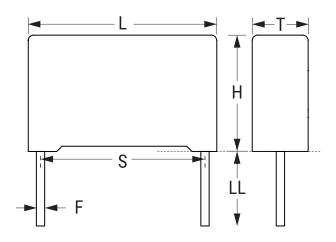


R745N3100AA00K

Aliases (745N3100AA00K) Not for New Design R74, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 1,600 VDC, 85°C, 22.5 mm



Click here for the 3D model.

6.5mm +0.3/-0.5mm
2mm +0.1/-0.5mm
3mm +0.2/-0.5mm
2.5mm +/-0.4mm
mm +2mm
.8mm +/-0.05mm

Packaging Specifications

Packaging Bu	ılk, Bag
Packaging Quantity 30	00

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

Specifications	
Capacitance	0.1 uF
Tolerance	10%
Voltage DC	1600 VDC
Voltage AC	500 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	1,800 V/us
ESR	12.7 mOhms (100kHz)
Ripple Current	7.1 Amps (100kHz 85C), 180 Amps (Peak)
Inductance	18 nH

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