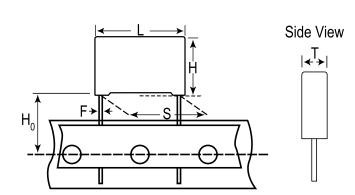


R75QI3100GY30K

Aliases (75QI3100GY30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 1,000 VDC, 85° C, 15 mm



Click here for th	ne 3D model.
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General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	3.8 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Dimensions	
L	18mm +/-0.5mm
Н	16mm +0.1/-0.5mm
Т	10mm +0.2/-0.5mm
S	15mm +/-0.4mm
НО	18mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	T&R	
Packaging Quantity	270	

Specifications	
Capacitance	0.1 uF
Tolerance	10%
Voltage DC	1000 VDC
Voltage AC	300 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	2,000 V/us
ESR	15.9 mOhms (100kHz)
Ripple Current	5.339 Amps (100kHz 85C), 200 Amps (Peak)
Inductance	10 nH

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