

R75QI2820DQ00J

Aliases (75QI2820DQ00J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.082 uF, 5%, 1,000 VDC, 85°C, 15 mm



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Dimensions	
L	18mm +/-0.5mm
H	16mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	380

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
Typical Component Weight	3.6 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	0.082 uF
Tolerance	5%
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, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	2,000 V/us
ESR	19.4 mOhms (100kHz)
Ripple Current	4.83 Amps (100kHz 85C), 164 Amps (Peak)
Inductance	10 nH

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