

## R75ID2820DQB0K

Aliases (75ID2820DQB0K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.082 uF, 10%, 250 VDC, 85°C, 7.5 mm



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Dimensions	
L	10mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	2100

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
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	0.082 uF
Tolerance	10%
Voltage DC	250 VDC
Voltage AC	140 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	180 V/us
ESR	13.6 mOhms (100kHz)
Ripple Current	4.1 Amps (100kHz 85C), 15 Amps (Peak)
Inductance	8 nH

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