

R75QD1470DQ30J

Aliases (75QD1470DQ30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 4,700 pF, 5%, 1,000 VDC, 85°C, 7.5 mm



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Dimensions	
L	10mm +0.2/-0.5mm
H	10.5mm +0.1/-0.5mm
T	5mm +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	1600

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

Specifications	
Capacitance	4,700 pF
Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	400 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	4,000 V/us
ESR	169.3 mOhms (100kHz)
Ripple Current	1.18 Amps (100kHz 85C), 19 Amps (Peak)
Inductance	8 nH

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