

## R76UN1820DQ30J

Aliases (76UN1820DQ30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 8,200 pF, 5%, 2,000 VDC, 85°C, 22.5 mm



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Dimensions	
L	26.5mm +0.3/-0.5mm
H	15mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	464

### General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
Typical Component Weight	3.341 g

Specifications	
Capacitance	8,200 pF
Tolerance	5%
Voltage DC	2000 VDC
Voltage AC	700 VAC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	4,500 V/us
ESR	77.64 mOhms (100kHz)
Ripple Current	2.4 Amps (100kHz 85C), 37 Amps (Peak)
Inductance	16 nH

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