

R76UI2100GY40K

Aliases (76UI2100GY40K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.01 uF, 10%, 2000 VDC, 85°C, Lead Spacing = 15mm



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Dimensions

L	18mm +/-0.5mm
H	13.5mm +0.1/-0.5mm
T	7.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	350

General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	2.492 g

Specifications

Capacitance	0.01 uF
Capacitance Tolerance	10%
Voltage AC	700 VAC
Voltage DC	2000 VDC
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	9500 V/us
Resistance	63.66 mOhms (100kHz)
Ripple Current	2.5 Amps (100kHz 85C), 95 Amps (Peak)
Inductance	10 nH