

R76PR382040H3J

Aliases (76PR382040H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.82 uF, 5%, 630 VDC, 105°C, Lead Spacing = 27.5mm



Click [here](#) for the 3D model.

Dimensions

L	32mm +0.3/-0.7mm
H	28mm +0.1/-0.7mm
T	14mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	176

General Information

Series	R76H
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
THB Performance	Yes
Component Weight	14.8 g

Specifications

Capacitance	0.82 uF
Capacitance Tolerance	5%
Voltage AC	400 VAC
Voltage DC	630 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	36.585 GOhms
Max dV/dt	900 V/us
Resistance	5.82 mOhms (100kHz)
Ripple Current	10.06 Amps (100kHz 100C), 738 Amps (Peak)
Inductance	18 nH