

R76PN282050H3H

Aliases (76PN282050H3H)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.082 μ F, 2.5%, 630 VDC, 105°C, 22.5 mm



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

General Information

Series	R76H
Dielectric	Double 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	2.8 g

Specifications

Capacitance	0.082 μ F
Tolerance	2.5%
Voltage DC	630 VDC
Voltage AC	400 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	1,500 V/us
ESR	13.59 mOhms (100kHz)
Ripple Current	5.11 Amps (100kHz 100C), 123 Amps (Peak)
Inductance	16 nH

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
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

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