

R76MR415050H3J

Aliases (76MR415050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 1.5 uF, 5%, 400 VDC, 105°C, 27.5mm



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

Dimensions

L	32mm +0.3/-0.7mm
H	33mm +0.1/-0.7mm
T	18mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	128

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	23.5 g

Specifications

Capacitance	1.5 uF
Capacitance Tolerance	5%
Voltage DC	400 VDC
Voltage AC	250 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz
Insulation Resistance	20 GOhms
Max dV/dt	300 V/us
ESR	4.24 mOhms (100kHz)
Ripple Current	12.57 Amps (100kHz 100C), 450 Amps (Peak)
Inductance	18 nH