

## R76PR412050H3K

Aliases (76PR412050H3K)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 1.2 uF, 10%, 630 VDC, 105°C, Lead Spacing = 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
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
THB Performance	Yes
Component Weight	23.5 g

### Specifications

Capacitance	1.2 uF
Capacitance Tolerance	10%
Voltage AC	400 VAC
Voltage DC	630 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz
Insulation Resistance	25 GOhms
Max dV/dt	900 V/us
Resistance	5.31 mOhms (100kHz)
Ripple Current	11.24 Amps (100kHz 100C), 1080 Amps (Peak)
Inductance	18 nH

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