

## R76TN247050H4J

Aliases (76TN247050H4J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.047  $\mu$ F, 5%, 1600 VDC, 105°C, 22.5mm



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

### Dimensions

L	26.5mm +0.3/-0.5mm
H	16mm +0.1/-0.5mm
T	7mm +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

### 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	3.6 g

### Specifications

Capacitance	0.047 $\mu$ F
Capacitance Tolerance	5%
Voltage DC	1600 VDC
Voltage AC	650 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	3000 V/us
ESR	13.55 mOhms (100kHz)
Ripple Current	5.26 Amps (100kHz 100C), 141 Amps (Peak)
Inductance	16 nH