

R76IW5120JHH3H

Aliases (76IW5120JHH3H)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 12 uF, 2.5%, 250 VDC, 105°C, 37.5 mm



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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	64.1 g

Specifications

Capacitance	12 uF
Tolerance	2.5%
Voltage DC	250 VDC
Voltage AC	180 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz
Insulation Resistance	2.5 GOhms
Max dV/dt	100 V/us
ESR	1.59 mOhms (100kHz)
Ripple Current	9.82 Amps (100kHz 100C), 1200 Amps (Peak)
Inductance	20 nH

Dimensions

L	41.5mm +0.3/-0.7mm
H	45mm +0.1/-0.7mm
T	30mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	3.2mm +0.3/-0.2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	90

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