

## R75PW4270JH30J

Aliases (75PW4270JH30J)

R75, Film, Metallized Polypropylene, General Purpose, 2.7 uF, 5%, 630 VDC, 85°C, 37.5 mm



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

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	No
Typical Component Weight	30.28 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Dimensions

L	41.5mm +0.3/-0.7mm
H	32mm +0.1/-0.7mm
T	19mm +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	192

### Specifications

Capacitance	2.7 uF
Tolerance	5%
Voltage DC	630 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.06% 1kHz
Insulation Resistance	11.1111 GOhms
Max dV/dt	90 V/us
ESR	8.8 mOhms (100kHz)
Ripple Current	10.46 Amps (100kHz 85C), 243 Amps (Peak)
Inductance	20 nH

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