

## R75QW4270AA00M

Aliases (75QW4270AA00M)

R75, Film, Metallized Polypropylene, General Purpose, 2.7 uF, 20%, 1000 VDC, 85°C, Lead Spacing = 37.5mm



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

### Dimensions

L	41.5mm +0.3/-0.7mm
H	44mm +0.1/-0.7mm
T	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	108

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	61.13 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	2.7 uF
Capacitance Tolerance	20%
Voltage AC	250 VAC
Voltage DC	1000 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.06% 1kHz
Insulation Resistance	11.1111 GOhms
Max dV/dt	150 V/us
Resistance	8.8 mOhms (100kHz)
Ripple Current	11.46 Amps (100kHz 85C), 540 Amps (Peak)
Inductance	20 nH