

## R75QR4150AA00J

Aliases (75QR4150AA00J)

R75, Film, Metallized Polypropylene, General Purpose, 1.5 uF, 5%, 1,000 VDC, 85°C, 27.5 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	31.1 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	1.5 uF
Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	300 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.06% 1kHz
Insulation Resistance	20 GOhms
Max dV/dt	350 V/us
ESR	10.6 mOhms (100kHz)
Ripple Current	9.53 Amps (100kHz 85C), 525 Amps (Peak)
Inductance	18 nH

### Dimensions

L	32mm +0.3/-0.7mm
H	37mm +0.1/-0.7mm
T	22mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	168

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