

## R75UW41005030J

Aliases (75UW41005030J)

R75, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 2,000 VDC, 85°C, 37.5 mm



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### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	52.59 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### 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	25mm +2/-1mm
F	1mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	72

### Specifications

Capacitance	1 uF
Tolerance	5%
Voltage DC	2000 VDC
Voltage AC	700 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	700 V/us
ESR	3.2 mOhms (100kHz)
Ripple Current	19.1 Amps (100kHz 85C), 700 Amps (Peak)
Inductance	20 nH

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