

## R75RR31004040K

Aliases (75RR31004040K)

R75, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 1,250 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	Tinned Wire
Lead	Wire Leads
Typical Component Weight	5.7 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Dimensions

L	32mm +0.3/-0.7mm
H	17mm +0.1/-0.7mm
T	9mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	408

### Specifications

Capacitance	0.1 uF
Tolerance	10%
Voltage DC	1250 VDC
Voltage AC	600 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	750 V/us
ESR	11.1 mOhms (100kHz)
Ripple Current	7.17 Amps (100kHz 85C), 75 Amps (Peak)
Inductance	18 nH

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