

## R75GR51205000J

Aliases (75GR51205000J)

R75, Film, Metallized Polypropylene, General Purpose, 12 uF, 5%, 160 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
AEC-Q200	No
Typical Component Weight	31.26 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### 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	25mm +2/-1mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	112

### Specifications

Capacitance	12 uF
Tolerance	5%
Voltage DC	160 VDC
Voltage AC	90 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.1% 1kHz
Insulation Resistance	2.5 GOhms
Max dV/dt	60 V/us
ESR	4 mOhms (100kHz)
Ripple Current	15.56 Amps (100kHz 85C), 720 Amps (Peak)
Inductance	18 nH

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