

## R75PF1150JM01M

Aliases (75PF1150JM01M)

R75, Film, Metallized Polypropylene, Automotive Grade, 1500 pF, 20%, 630 VDC, 85°C, Lead Spacing = 10mm



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### Dimensions

L	13mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	17mm +/-1mm
F	0.6mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	2200

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	0.716 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	1500 pF
Capacitance Tolerance	20%
Voltage AC	250 VAC
Voltage DC	630 VDC
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	2000 V/us
Resistance	530.5 mOhms (100kHz)
Ripple Current	0.24 Amps (100kHz 85C), 3 Amps (Peak)
Inductance	9 nH

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