

## R75RN2680JM30K

Aliases (75RN2680JM30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.068 uF, 10%, 1,250 VDC, 85°C, 22.5 mm



Click [here](#) for the 3D model.

### General Information

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

### Dimensions

L	26.5mm +0.3/-0.5mm
H	17mm +0.1/-0.5mm
T	8.5mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	17mm +/-1mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	350

### Specifications

Capacitance	0.068 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	2,100 V/us
ESR	16.4 mOhms (100kHz)
Ripple Current	5.64 Amps (100kHz 85C), 143 Amps (Peak)
Inductance	16 nH

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