

## R75RR3100CKH4K

Aliases (75RR3100CKH4K)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 1250 VDC, 105°C, Lead Spacing = 27.5mm



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

### Dimensions

L	32mm +0.3/-0.7mm
H	17mm +0.1/-0.7mm
T	9mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	T&R, Large
Packaging Quantity	450

### General Information

Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	5.7 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	0.1 uF
Capacitance Tolerance	10%
Voltage AC	600 VAC
Voltage DC	1250 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	750 V/us
Resistance	31.8 mOhms (100kHz)
Ripple Current	7.17 Amps (100kHz 90C), 75 Amps (Peak)
Inductance	18 nH