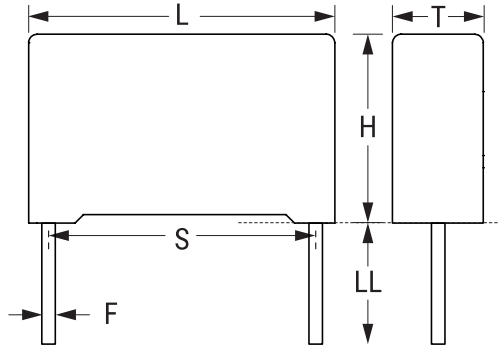


R75H, Film, Metallized Polypropylene, Automotive Grade, 0.027 uF, 5%, 630 VDC, 105°C, Lead Spacing = 15mm



### Dimensions

L	18mm +0.3/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	1000

### 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:	1.4 g
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance:	0.027 uF
Capacitance Tolerance:	5%
Voltage AC:	250 VAC
Voltage DC:	630 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:	1000 V/us
Resistance:	176.8 mOhms (100kHz)
Ripple Current:	2.84 Amps (100kHz 90C), 27 Amps (Peak)
Inductance:	10 nH