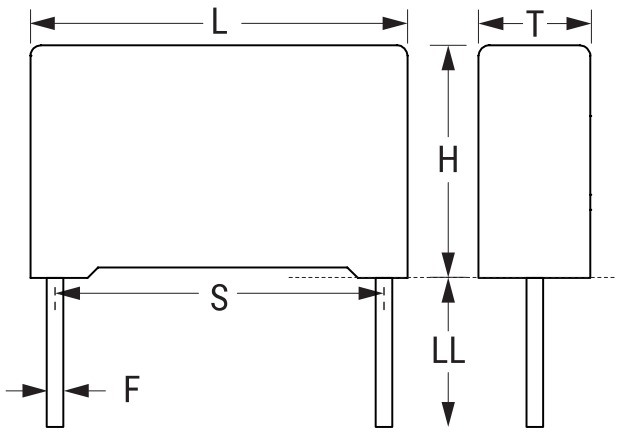
R75QI227050H0J

Aliases (75QI227050H0J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.027 uF, 5%, 1,000 VDC, 105°C, 15 mm



Click here for the 3D model.

General Information	
Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
Typical Component Weight	1.7 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	18mm +0.3/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	900

Specifications	
Capacitance	0.027 uF
Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	250 VAC
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	2,000 V/us
ESR	41.3 mOhms (100kHz)
Ripple Current	2.94 Amps (100kHz 90C), 54 Amps (Peak)
Inductance	10 nH

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