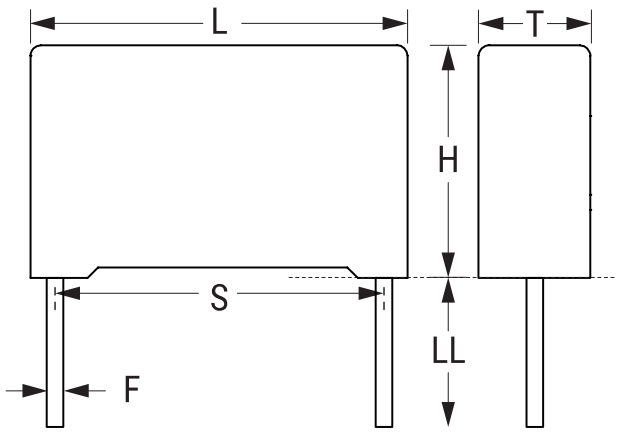
R75TR318050H2J

Aliases (75TR318050H2J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.18 uF, 5%, 1,600 VDC, 105°C, 27.5 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	12 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	32mm +0.3/-0.7mm
H	25mm +0.1/-0.7mm
T	13mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	288

Specifications	
Capacitance	0.18 uF
Tolerance	5%
Voltage DC	1600 VDC
Voltage AC	650 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	1,500 V/us
ESR	6.2 mOhms (100kHz)
Ripple Current	10.79 Amps (100kHz 90C), 270 Amps (Peak)
Inductance	18 nH

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