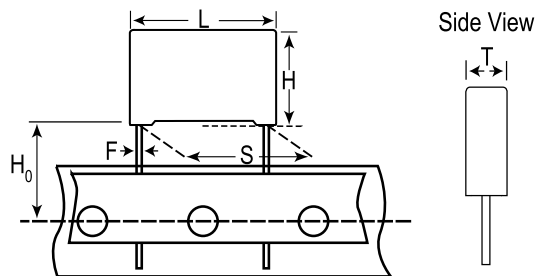


KEMET Part Number: R76TI2180DQ40J
(76TI2180DQ40J)

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R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.018 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



General Information	
Series:	R76
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes

Dimensions	
L	18mm +/-0.5mm
H	13.5mm +0.1/-0.5mm
T	7.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	Ammo, 360x340x59mm, Box
Packaging Quantity:	500

Specifications	
Capacitance:	0.018 uF
Capacitance Tolerance:	5%
Voltage AC:	650 VAC
Voltage DC:	1600 VDC
Temperature Range:	-55/+110°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	6000 V/us
Resistance:	35.4 mOhms (100KHz)
Ripple Current:	3.34 Amps (100kHz 85C), 108 Amps (Peak)
Inductance:	10 nH

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