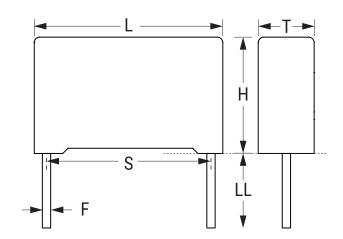


## R76MD2180SE40K

Aliases (76MD2180SE40K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.018 uF, 10%, 400 VDC, 85°C, 7.5 mm



General Information	
Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes

Click here for the 3D model.

L 10mm +0.2/-0.5mm  H 10.5mm +0.1/-0.5mm  T 5mm +0.1/-0.5mm  S 7.5mm +/-0.4mm	Dimensions	
T 5mm +0.1/-0.5mm S 7.5mm +/-0.4mm	L	10mm +0.2/-0.5mm
S 7.5mm +/-0.4mm	Н	10.5mm +0.1/-0.5mm
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Т	5mm +0.1/-0.5mm
4	S	7.5mm +/-0.4mm
LL 4mm +2mm	LL	4mm +2mm
F 0.6mm +/-0.05mm	F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	1500

Specifications	
Capacitance	0.018 uF
Tolerance	10%
Voltage DC	400 VDC
Voltage AC	250 VAC
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	1,700 V/us
ESR	35.37 mOhms (100kHz)
Ripple Current	2.7 Amps (100kHz 85C), 31 Amps (Peak)
Inductance	8 nH

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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