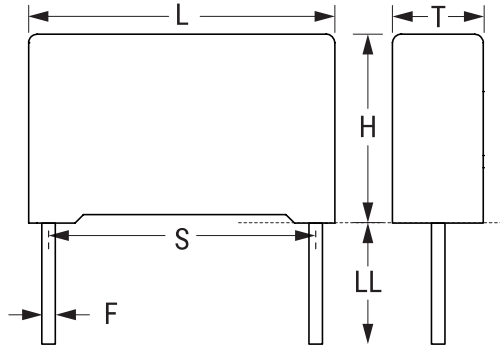


**KEMET Part Number: R71XF310050H0K**  
(71XF310050H0K)

R71H, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 450 VDC, 85°C, Lead Spacing = 10mm



#### Dimensions

L	13mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	25mm +2/-1mm
F	0.6mm +/-0.05mm

#### Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	1800

#### General Information

Series:	R71H
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	PFC and Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	0.6 g
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/C.

#### Specifications

Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage AC:	160 VAC
Voltage DC:	450 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	0.1% 25C
Insulation Resistance:	100 GOhms
Max dV/dt:	150 V/us
Resistance:	198.9 mOhms (100kHz)
Ripple Current:	1.131 Amps (100kHz 85C), 15 Amps (Peak)
Inductance:	9 nH