

## R71XF347050H0M

Aliases (71XF347050H0M)

R71H, Film, Metallized Polypropylene, Automotive Grade, 0.47 uF, 20%, 450 VDC, 85°C, Lead Spacing = 10mm



Click [here](#) for the 3D model.

Dimensions	
L	13mm +0.2/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	25mm +2/-1mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1200

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	1.4 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications	
Capacitance	0.47 uF
Capacitance Tolerance	20%
Voltage AC	160 VAC
Voltage DC	450 VDC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.1% 25C
Insulation Resistance	63.8298 GOhms
Max dV/dt	150 V/us
Resistance	42.33 mOhms (100kHz)
Ripple Current	2.72 Amps (100kHz 85C), 70.5 Amps (Peak)
Inductance	9 nH