

**KEMET Part Number: R71XF347050H0M**  
(71XF347050H0M)

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



#### Dimensions

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

#### Packaging Specifications

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	1200

#### General Information

<b>Series:</b>	R71H
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	PFC and Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Component Weight:</b>	1.4 g
<b>Miscellaneous:</b>	Above 105C DC And AC Voltage Derating Is 4%/C.

#### Specifications

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