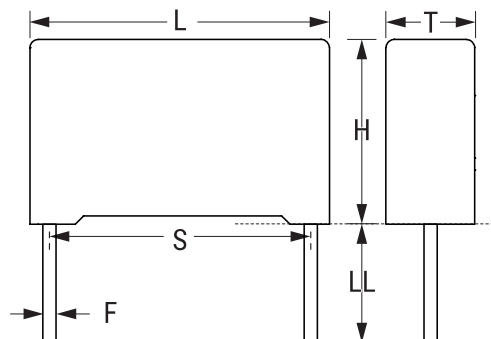


**KEMET Part Number: R76QF168050H3J**  
(76QF168050H3J)

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R76H, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1000 VDC, 105°C, Lead Spacing = 10mm



General Information	
Series:	R76H
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes

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

Specifications	
Capacitance:	6800 pF
Capacitance Tolerance:	5%
Voltage AC:	600 VAC
Voltage DC:	1000 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Dissipation Factor:	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	6500 V/us
Resistance:	93.6 mOhms (100kHz)
Ripple Current:	1.6 Amps (100kHz 100C), 44 Amps (Peak)
Inductance:	9 nH

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