

**KEMET Part Number: R76TF16805050J**  
(76TF16805050J)

**KEMET**

a YAGEO company

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 10mm



General Information	
Series:	R76
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	1.4 g

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

Specifications	
Capacitance:	6800 pF
Capacitance Tolerance:	5%
Voltage AC:	650 VAC
Voltage DC:	1600 VDC
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:	8000 V/us
Resistance:	93.62 mOhms (100kHz)
Ripple Current:	1.8 Amps (100kHz 85C), 54 Amps (Peak)
Inductance:	9 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1200

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