

**KEMET Part Number: MMK10185K50A03L16.5TR18**  
(F601AK185K050L, MMK10185K50A03L16,5TR18)



MMK/F601, Film, Metallized Polyester, General Purpose, 1.8 uF, 10%, 50 VDC, 85°C, Lead Spacing = 10mm



General Information	
<b>Series:</b>	MMK/F601
<b>Dielectric:</b>	Metallized Polyester
<b>Style:</b>	Radial
<b>Features:</b>	DC Multipurpose Applications
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>AEC-Q200:</b>	No
<b>Notes:</b>	Not For New Design, Please Check Possible Alternative Parts (AltPart).

Dimensions	
<b>L</b>	13mm MAX
<b>H</b>	11mm MAX
<b>T</b>	5mm MAX
<b>S</b>	10mm +0.6/-0.1mm
<b>H0</b>	16mm NOM
<b>F</b>	0.6mm NOM

Specifications	
<b>Capacitance:</b>	1.8 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	30 VAC
<b>Voltage DC:</b>	50 VDC, 38.8 VDC (100C)
<b>Temperature Range:</b>	-55/+100°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	1% 1kHz
<b>Insulation Resistance:</b>	2.7778 GOhms
<b>Max dV/dt:</b>	4 V/us
<b>Inductance:</b>	6 nH

Packaging Specifications	
<b>Packaging:</b>	T&R
<b>Packaging Quantity:</b>	700

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