

**KEMET Part Number: MMK5682J50J01L4BULK**  
(F601JF682J050C)

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MMK/F601, Film, Metallized Polyester, General Purpose, 6800 pF, 5%, 50 VDC, 85°C, Lead Spacing = 5mm



#### 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>	7.2mm MAX
<b>H</b>	6.5mm MAX
<b>T</b>	2.5mm MAX
<b>S</b>	5mm +/-0.4mm
<b>LL</b>	5mm NOM
<b>F</b>	0.5mm NOM

#### Specifications

<b>Capacitance:</b>	6800 pF
<b>Capacitance Tolerance:</b>	5%
<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>	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
<b>Insulation Resistance:</b>	15 GOhms
<b>Max dV/dt:</b>	12 V/us
<b>Inductance:</b>	6 nH

#### Packaging Specifications

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	2000

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