

**KEMET Part Number: MMK5824J100J06L4BULK**  
(F601JU824J100C)

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MMK/F601, Film, Metallized Polyester, General Purpose, 0.82 uF, 5%, 100 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>	13mm MAX
<b>T</b>	7.2mm MAX
<b>S</b>	5mm +/-0.4mm
<b>LL</b>	5mm NOM
<b>F</b>	0.5mm NOM

#### Specifications

<b>Capacitance:</b>	0.82 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	63 VAC
<b>Voltage DC:</b>	100 VDC, 77.5 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, 3% 100kHz
<b>Insulation Resistance:</b>	6.0976 GOhms
<b>Max dV/dt:</b>	30 V/us
<b>Inductance:</b>	6 nH

#### Packaging Specifications

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	1000

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