

**KEMET Part Number: MMK5682M1000J04L16.5TA16**  
(F601JQ682M1K0Q, MMK5682M1000J04L16,5TA16)



MMK/F601, Film, Metallized Polyester, General Purpose, 6800 pF, 20%, 1000 VDC, 85°C, Lead Spacing = 5mm



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

Dimensions	
L	7.2mm MAX
H	10mm MAX
T	5mm MAX
S	5mm +0.6/-0.1mm
H <sub>0</sub>	16mm NOM
F	0.5mm NOM

Specifications	
Capacitance:	6800 pF
Capacitance Tolerance:	20%
Voltage AC:	250 VAC
Voltage DC:	1000 VDC, 775 VDC (100C)
Temperature Range:	-55/+100°C
Rated Temperature:	85°C
Dissipation Factor:	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance:	30 GOhms
Max dV/dt:	100 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Ammo, 330x330x50mm, Box
Packaging Quantity:	2600

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