

**KEMET Part Number: MMK5683M100J01L16.5TR18**  
(F601JF683M100L, MMK5683M100J01L16,5TR18)



MMK/F601, Film, Metallized Polyester, General Purpose, 0.068 uF, 20%, 100 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              | 6.5mm MAX       |
| T              | 2.5mm MAX       |
| S              | 5mm +0.6/-0.1mm |
| H <sub>0</sub> | 16mm NOM        |
| F              | 0.5mm NOM       |

| Specifications         |                                    |
|------------------------|------------------------------------|
| Capacitance:           | 0.068 uF                           |
| Capacitance Tolerance: | 20%                                |
| Voltage AC:            | 63 VAC                             |
| Voltage DC:            | 100 VDC, 77.5 VDC (100C)           |
| Temperature Range:     | -55/+100°C                         |
| Rated Temperature:     | 85°C                               |
| Dissipation Factor:    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance: | 15 GOhms                           |
| Max dV/dt:             | 30 V/us                            |
| Inductance:            | 6 nH                               |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | T&R  |
| Packaging Quantity:      | 2500 |

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