

**KEMET Part Number: MMK5103M1000J05L16.5TR16**  
(F601JT103M1K0K, MMK5103M1000J05L16,5TR16)

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MMK/F601, Film, Metallized Polyester, General Purpose, 0.01 uF, 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          | 11mm MAX        |
| T          | 6mm MAX         |
| S          | 5mm +0.6/-0.1mm |
| H0         | 16mm NOM        |
| F          | 0.5mm NOM       |

| Specifications         |                                    |
|------------------------|------------------------------------|
| Capacitance:           | 0.01 uF                            |
| 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:               | T&R  |
| Packaging Quantity:      | 1000 |

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