

**KEMET Part Number: MMK7.5183K1000K04L16.5TR18**  
(F601KM183K1K0L, MMK7,5183K1000K04L16,5TR18)

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MMK/F601, Film, Metallized Polyester, General Purpose, 0.018 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 7.5mm



| 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          | 10.5mm MAX        |
| H          | 12mm MAX          |
| T          | 6mm MAX           |
| S          | 7.5mm +0.6/-0.1mm |
| H0         | 16mm NOM          |
| F          | 0.6mm NOM         |

| Specifications         |                                  |
|------------------------|----------------------------------|
| Capacitance:           | 0.018 uF                         |
| Capacitance Tolerance: | 10%                              |
| 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, 1.5% 10kHz, 3% 100kHz |
| Insulation Resistance: | 30 GOhms                         |
| Max dV/dt:             | 80 V/us                          |
| Inductance:            | 6 nH                             |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | T&R  |
| Packaging Quantity:      | 1000 |

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