

**KEMET Part Number: MMK10272K1000A01L16.5TR16**  
(F601AG272K1K0K, MMK10272K1000A01L16,5TR16)

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MMK/F601, Film, Metallized Polyester, General Purpose, 2700 pF, 10%, 1000 VDC, 85°C, Lead Spacing = 10mm



| 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          | 13mm MAX         |
| H          | 9mm MAX          |
| T          | 4mm MAX          |
| S          | 10mm +0.6/-0.1mm |
| H0         | 16mm NOM         |
| F          | 0.6mm NOM        |

| Specifications         |                                  |
|------------------------|----------------------------------|
| Capacitance:           | 2700 pF                          |
| 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:             | 60 V/us                          |
| Inductance:            | 6 nH                             |

| Packaging Specifications |     |
|--------------------------|-----|
| Packaging:               | T&R |
| Packaging Quantity:      | 900 |

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