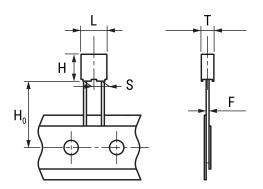
## KEMET Part Number: MMK5102K1000J01L16.5TA16

(F601JF102K1K0Q, MMK5102K1000J01L16,5TA16)



MMK/F601, Film, Metallized Polyester, General Purpose, 1000 pF, 10%, 1000 VDC, 85°C, Lead Spacing = 5mm



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

| Dimensions |                 |  |
|------------|-----------------|--|
| L          | 7.2mm MAX       |  |
| Н          | 6.5mm MAX       |  |
| Т          | 2.5mm MAX       |  |
| S          | 5mm +0.6/-0.1mm |  |
| Н0         | 16mm NOM        |  |
| F          | 0.5mm NOM       |  |

| Packaging Specifications |                         |
|--------------------------|-------------------------|
| Packaging:               | Ammo, 330x330x50mm, Box |
| Packaging Quantity:      | 5000                    |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 1000 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, 1.2% 10kHz, 2.5%<br>100kHz |
| Insulation Resistance: | 30 GOhms                              |
| Max dV/dt:             | 100 V/us                              |
| Inductance:            | 6 nH                                  |

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