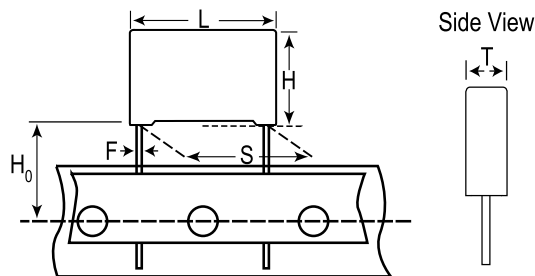


**KEMET Part Number: MMK7.5152K1000K01L16.5TA18**  
(F601KG152K1K0R, MMK7,5152K1000K01L16,5TA18)

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MMK/F601, Film, Metallized Polyester, General Purpose, 1500 pF, 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          | 10mm MAX          |
| H          | 8mm MAX           |
| T          | 4mm MAX           |
| S          | 7.5mm +0.6/-0.1mm |
| H0         | 16mm NOM          |
| F          | 0.6mm NOM         |

| Specifications         |                                  |
|------------------------|----------------------------------|
| Capacitance:           | 1500 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:             | 80 V/us                          |
| Inductance:            | 6 nH                             |

| Packaging Specifications |                         |
|--------------------------|-------------------------|
| Packaging:               | Ammo, 330x330x50mm, Box |
| Packaging Quantity:      | 3400                    |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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