

**KEMET Part Number: MMK7.5273K400K01L16.5TR16**  
(F601KG273K400K, MMK7,5273K400K01L16,5TR16)

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MMK/F601, Film, Metallized Polyester, General Purpose, 0.027 uF, 10%, 400 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:           | 0.027 uF                         |
| Capacitance Tolerance: | 10%                              |
| Voltage AC:            | 200 VAC                          |
| Voltage DC:            | 400 VDC, 310 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:             | 40 V/us                          |
| Inductance:            | 6 nH                             |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | T&R  |
| Packaging Quantity:      | 1700 |

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