

**KEMET Part Number: MMK5393J100J01L16.5TA16**  
(F601JF393J100Q, MMK5393J100J01L16,5TA16)



MMK/F601, Film, Metallized Polyester, General Purpose, 0.039 uF, 5%, 100 VDC, 85°C, Lead Spacing = 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          | 7.2mm MAX       |
| H          | 6.5mm MAX       |
| T          | 2.5mm MAX       |
| S          | 5mm +0.6/-0.1mm |
| H0         | 16mm NOM        |
| F          | 0.5mm NOM       |

| Specifications         |                                    |
|------------------------|------------------------------------|
| Capacitance:           | 0.039 uF                           |
| Capacitance Tolerance: | 5%                                 |
| Voltage AC:            | 63 VAC                             |
| Voltage DC:            | 100 VDC, 77.5 VDC (100C)           |
| Temperature Range:     | -55/+100°C                         |
| Rated Temperature:     | 85°C                               |
| Dissipation Factor:    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance: | 15 GOhms                           |
| Max dV/dt:             | 30 V/us                            |
| Inductance:            | 6 nH                               |

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

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