## KEMET Part Number: MMK5275M50J05L16.5TA18

(F601JT275M050R, MMK5275M50J05L16,5TA18)



MMK/F601, Film, Metallized Polyester, General Purpose, 2.7 uF, 20%, 50 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          | 11mm MAX        |
| Т          | 6mm MAX         |
| S          | 5mm +0.6/-0.1mm |
| Н0         | 16mm NOM        |
| F          | 0.5mm NOM       |

| Packaging Specifications |                         |
|--------------------------|-------------------------|
| Packaging:               | Ammo, 330x330x50mm, Box |
| Packaging Quantity:      | 2000                    |

| Specifications         |                         |
|------------------------|-------------------------|
| Capacitance:           | 2.7 uF                  |
| Capacitance Tolerance: | 20%                     |
| Voltage AC:            | 30 VAC                  |
| Voltage DC:            | 50 VDC, 38.8 VDC (100C) |
| Temperature Range:     | -55/+100°C              |
| Rated Temperature:     | 85°C                    |
| Dissipation Factor:    | 0.8% 1kHz, 1.5% 10kHz   |
| Insulation Resistance: | 1.8518 GOhms            |
| Max dV/dt:             | 12 V/us                 |
| Inductance:            | 6 nH                    |

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