

**KEMET Part Number: MMK5605K50J06L16.5TR16**  
(F601JU605K050K, MMK5605K50J06L16,5TR16)

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MMK/F601, Film, Metallized Polyester, General Purpose, 6 uF, 10%, 50 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              | 13mm MAX        |
| T              | 7.2mm MAX       |
| S              | 5mm +0.6/-0.1mm |
| H <sub>0</sub> | 16mm NOM        |
| F              | 0.5mm NOM       |

| Specifications         |                         |
|------------------------|-------------------------|
| Capacitance:           | 6 uF                    |
| Capacitance Tolerance: | 10%                     |
| 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: | 833.3 MOhms             |
| Max dV/dt:             | 12 V/us                 |
| Inductance:            | 6 nH                    |

| Packaging Specifications |     |
|--------------------------|-----|
| Packaging:               | T&R |
| Packaging Quantity:      | 800 |

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