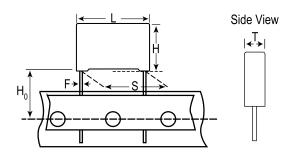
## KEMET Part Number: MMK7.5684K50K01L16.5TA18

(F601KG684K050R, MMK7,5684K50K01L16,5TA18)



MMK/F601, Film, Metallized Polyester, General Purpose, 0.68 uF, 10%, 50 VDC, 85°C, Lead Spacing = 7.5mm



| 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          | 10mm MAX          |  |
| Н          | 8mm MAX           |  |
| Т          | 4mm MAX           |  |
| S          | 7.5mm +0.6/-0.1mm |  |
| Н0         | 16mm NOM          |  |
| F          | 0.6mm NOM         |  |

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

| Specifications         |                         |
|------------------------|-------------------------|
| Capacitance:           | 0.68 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: | 7.3529 GOhms            |
| Max dV/dt:             | 5 V/us                  |
| Inductance:            | 6 nH                    |

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