

**KEMET Part Number: MMK5684K63J03L16.5TA18** **Not for New Design**  
 (F601JL684K063R, MMK5684K63J03L16,5TA18)



MMK/F601, Film, Metallized Polyester, General Purpose, 0.68 uF, 10%, 63 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   |
| Component Weight:   | 0.566 g  |
| Notes:              | Not For New Design, Please Check Possible Alternative Parts (AltPart). |

| Dimensions     |                 |
|----------------|-----------------|
| L              | 7.2mm MAX       |
| H              | 9mm MAX         |
| T              | 4.5mm MAX       |
| S              | 5mm +0.6/-0.1mm |
| H <sub>0</sub> | 16mm NOM        |
| F              | 0.5mm NOM       |

| Specifications         |                                  |
|------------------------|----------------------------------|
| Capacitance:           | 0.68 uF                          |
| Capacitance Tolerance: | 10%                              |
| Voltage AC:            | 40 VAC                           |
| Voltage DC:            | 63 VDC, 48.8 VDC (100C)          |
| Temperature Range:     | -55/+100°C                       |
| Rated Temperature:     | 85°C                             |
| Dissipation Factor:    | 0.8% 1kHz, 1.2% 10kHz, 3% 100kHz |
| Insulation Resistance: | 7.3529 GOhms                     |
| Max dV/dt:             | 25 V/us                          |
| Inductance:            | 6 nH                             |

| Packaging Specifications |                         |
|--------------------------|-------------------------|
| Packaging:               | Ammo, 330x330x50mm, Box |
| Packaging Quantity:      | 3000                    |

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