

**KEMET Part Number: MMK5123M63J01L16.5TR18**  
(F601JF123M063L, MMK5123M63J01L16,5TR18)

**KEMET**

a YAGEO company

MMK/F601, Film, Metallized Polyester, General Purpose, 0.012 uF, 20%, 63 VDC, 85°C, Lead Spacing = 5mm



**General Information**

|                    |  |
|--------------------|--|
| <b>Series:</b>     | MMK/F601   |
| <b>Dielectric:</b> | Metallized Polyester   |
| <b>Style:</b>      | Radial   |
| <b>Features:</b>   | DC Multipurpose Applications   |
| <b>RoHS:</b>       | Yes  |
| <b>Lead:</b>       | Wire Leads   |
| <b>AEC-Q200:</b>   | No   |
| <b>Notes:</b>      | Not For New Design, Please Check Possible Alternative Parts (AltPart). |

**Dimensions**

|           |                 |
|-----------|-----------------|
| <b>L</b>  | 7.2mm MAX       |
| <b>H</b>  | 6.5mm MAX       |
| <b>T</b>  | 2.5mm MAX       |
| <b>S</b>  | 5mm +0.6/-0.1mm |
| <b>H0</b> | 16mm NOM        |
| <b>F</b>  | 0.5mm NOM       |

**Specifications**

|                               |                                    |
|-------------------------------|------------------------------------|
| <b>Capacitance:</b>           | 0.012 uF                           |
| <b>Capacitance Tolerance:</b> | 20%                                |
| <b>Voltage AC:</b>            | 40 VAC                             |
| <b>Voltage DC:</b>            | 63 VDC, 48.8 VDC (100C)            |
| <b>Temperature Range:</b>     | -55/+100°C                         |
| <b>Rated Temperature:</b>     | 85°C                               |
| <b>Dissipation Factor:</b>    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| <b>Insulation Resistance:</b> | 15 GOhms                           |
| <b>Max dV/dt:</b>             | 25 V/us                            |
| <b>Inductance:</b>            | 6 nH                               |

**Packaging Specifications**

|                            |      |
|----------------------------|------|
| <b>Packaging:</b>          | T&R  |
| <b>Packaging Quantity:</b> | 2500 |

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