

**KEMET Part Number: MMK5155J50J03L16.5TA16**  
(F601JL155J050Q, MMK5155J50J03L16,5TA16)

**KEMET**

a YAGEO company

MMK/F601, Film, Metallized Polyester, General Purpose, 1.5 uF, 5%, 50 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>  | 9mm MAX         |
| <b>T</b>  | 4.5mm MAX       |
| <b>S</b>  | 5mm +0.6/-0.1mm |
| <b>H0</b> | 16mm NOM        |
| <b>F</b>  | 0.5mm NOM       |

**Specifications**

|                               |                         |
|-------------------------------|-------------------------|
| <b>Capacitance:</b>           | 1.5 uF                  |
| <b>Capacitance Tolerance:</b> | 5%                      |
| <b>Voltage AC:</b>            | 30 VAC                  |
| <b>Voltage DC:</b>            | 50 VDC, 38.8 VDC (100C) |
| <b>Temperature Range:</b>     | -55/+100°C              |
| <b>Rated Temperature:</b>     | 85°C                    |
| <b>Dissipation Factor:</b>    | 0.8% 1kHz, 1.5% 10kHz   |
| <b>Insulation Resistance:</b> | 3.3333 GOhms            |
| <b>Max dV/dt:</b>             | 12 V/us                 |
| <b>Inductance:</b>            | 6 nH                    |

**Packaging Specifications**

|                            |                         |
|----------------------------|-------------------------|
| <b>Packaging:</b>          | Ammo, 330x330x50mm, Box |
| <b>Packaging Quantity:</b> | 3000                    |

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