

**KEMET Part Number: MMK7.5822J50K00L4BULK**  
(F601KE822J050C, MMK7,5822J50K00L4BULK)

**KEMET**

a YAGEO company

MMK/F601, Film, Metallized Polyester, General Purpose, 8200 pF, 5%, 50 VDC, 85°C, Lead Spacing = 7.5mm



**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>  | 10mm MAX       |
| <b>H</b>  | 6mm MAX        |
| <b>T</b>  | 2.5mm MAX      |
| <b>S</b>  | 7.5mm +/-0.4mm |
| <b>LL</b> | 5mm NOM        |
| <b>F</b>  | 0.6mm NOM      |

**Specifications**

|                               |                                  |
|-------------------------------|----------------------------------|
| <b>Capacitance:</b>           | 8200 pF                          |
| <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, 3% 100kHz |
| <b>Insulation Resistance:</b> | 15 GOhms                         |
| <b>Max dV/dt:</b>             | 5 V/us                           |
| <b>Inductance:</b>            | 6 nH                             |

**Packaging Specifications**

|                            |           |
|----------------------------|-----------|
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 2000      |

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