

**KEMET Part Number: MMK27.5824K1000F14L4TRAY**  
(F601FR824K1K0C, MMK27,5824K1000F14L4TRAY)

**KEMET**

a YAGEO company

MMK/F601, Film, Metallized Polyester, General Purpose, 0.82 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 27.5mm



**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>  | 31.5mm MAX      |
| <b>H</b>  | 28mm MAX        |
| <b>T</b>  | 17.5mm MAX      |
| <b>S</b>  | 27.5mm +/-0.4mm |
| <b>LL</b> | 5mm NOM         |
| <b>F</b>  | 0.8mm NOM       |

**Specifications**

|                               |                          |
|-------------------------------|--------------------------|
| <b>Capacitance:</b>           | 0.82 uF                  |
| <b>Capacitance Tolerance:</b> | 10%                      |
| <b>Voltage AC:</b>            | 250 VAC                  |
| <b>Voltage DC:</b>            | 1000 VDC, 775 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> | 12.1951 GOhms            |
| <b>Max dV/dt:</b>             | 12 V/us                  |
| <b>Inductance:</b>            | 6 nH                     |

**Packaging Specifications**

|                            |      |
|----------------------------|------|
| <b>Packaging:</b>          | Tray |
| <b>Packaging Quantity:</b> | 126  |

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