

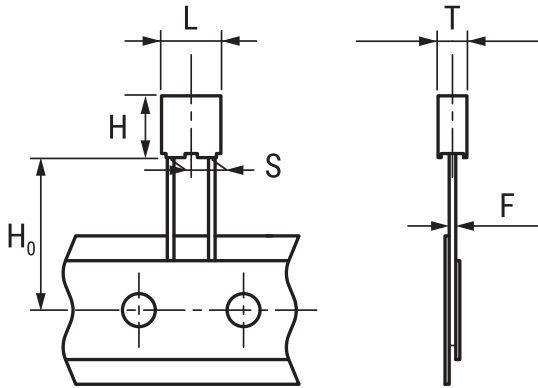
# MMK5682K50J01L16.5TR16

Aliases (F601JF682K050K, MMK5682K50J01L16,5TR16)

Obsolete

Recommended Replacement Series R60

MMK/F601, Film, Metallized Polyester, General Purpose, 6,800 pF, 10%, 50 VDC, 85°C, 5 mm



Click [here](#) for the 3D model.

## General Information

|                          |                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Series                   | MMK/F601                                                                                                                 |
| Dielectric               | Metallized Polyester                                                                                                     |
| Style                    | Radial                                                                                                                   |
| Features                 | DC Multipurpose Applications                                                                                             |
| RoHS                     | Yes                                                                                                                      |
| Termination              | Tinned Wire                                                                                                              |
| Lead                     | Wire Leads                                                                                                               |
| AEC-Q200                 | No                                                                                                                       |
| Typical Component Weight | 0.24 g                                                                                                                   |
| Notes                    | *Obsolete. Please check possible alternative parts in R82, RSB (pitch 5mm), R66 (pitch 7.5mm) and R60 (pitch 10-37.5mm). |

## Dimensions

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

## Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 2500 |

## Specifications

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 6,800 pF                           |
| Tolerance             | 10%                                |
| Voltage DC            | 50 VDC, 38.8 VDC (100C)            |
| Voltage AC            | 30 VAC                             |
| Temperature Range     | -55/+100°C                         |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 15 GOhms                           |
| Max dV/dt             | 12 V/us                            |
| Inductance            | 6 nH                               |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.