

**KEMET Part Number: MMK37.5565K250R05L4TRAY**  
(F601RF565K250C, MMK37,5565K250R05L4TRAY)

**KEMET**

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MMK/F601, Film, Metallized Polyester, General Purpose, 5.6 uF, 10%, 250 VDC, 85°C, Lead Spacing = 37.5mm



**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>  | 41mm MAX        |
| <b>H</b>  | 24mm MAX        |
| <b>T</b>  | 13mm MAX        |
| <b>S</b>  | 37.5mm +/-0.5mm |
| <b>LL</b> | 5mm NOM         |
| <b>F</b>  | 1mm NOM         |

**Specifications**

|                               |                           |
|-------------------------------|---------------------------|
| <b>Capacitance:</b>           | 5.6 uF                    |
| <b>Capacitance Tolerance:</b> | 10%                       |
| <b>Voltage AC:</b>            | 160 VAC                   |
| <b>Voltage DC:</b>            | 250 VDC, 193.8 VDC (100C) |
| <b>Temperature Range:</b>     | -55/+100°C                |
| <b>Rated Temperature:</b>     | 85°C                      |
| <b>Dissipation Factor:</b>    | 1% 1kHz                   |
| <b>Insulation Resistance:</b> | 1.7857 GOhms              |
| <b>Max dV/dt:</b>             | 3 V/us                    |
| <b>Inductance:</b>            | 6 nH                      |

**Packaging Specifications**

|                            |      |
|----------------------------|------|
| <b>Packaging:</b>          | Tray |
| <b>Packaging Quantity:</b> | 140  |

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