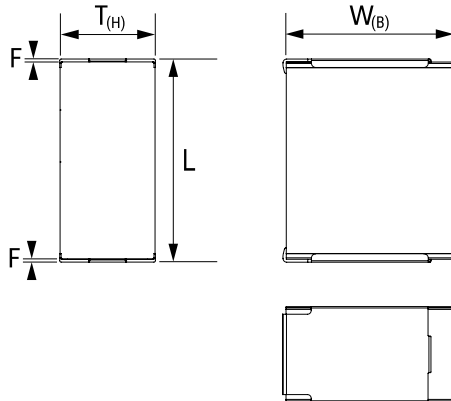


## SMC5.7103J50J33TR12

Aliases (F125PP103J050V)

SMC/F125, Film, Metallized PPS, General Purpose, 0.01 uF, 5%, 50 VDC, 30 VAC, 100°C, 3 mm, 2220 / 5651



Note: '()' correspond to the letters used in the product bulletin

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

### General Information

|                          |                |
|--------------------------|----------------|
| Series                   | SMC/F125       |
| Dielectric               | Metallized PPS |
| Style                    | SMD Chip       |
| Features                 | High Stability |
| RoHS                     | Yes            |
| Typical Component Weight | 0.355 g        |
| Shelf Life               | 104 Weeks      |
| MSL                      | 2              |

### Dimensions

|                      |                |
|----------------------|----------------|
| L                    | 5.7mm +/-0.2mm |
| W                    | 5mm +/-0.2mm   |
| T                    | 3mm +/-0.2mm   |
| F                    | 0.5mm NOM      |
| Case Code (EIA / mm) | 2220 / 5651    |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 2400 |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 0.01 uF                              |
| Tolerance             | 5%                                   |
| Voltage DC            | 50 VDC                               |
| Voltage AC            | 30 VAC                               |
| Temperature Range     | -55/+125°C                           |
| Rated Temperature     | 100°C                                |
| Dissipation Factor    | 0.15% 1kHz, 0.25% 10kHz, 0.5% 100kHz |
| Insulation Resistance | 15 GOhms                             |
| Max dV/dt             | 20 V/us                              |

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