

## SMC5.7104J50J35TR12

Aliases (F125PU104J050V, SMC100ZJ6100JJ35T1)

SMC/F125, Film, Metallized PPS, General Purpose, 0.1 uF, 5%, 50 VDC, 30 VAC, 100°C, 2220, 4 mm



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            |
| AEC-Q200                 | No             |
| Typical Component Weight | 0.481 g        |
| Shelf Life               | 104 Weeks      |
| MSL                      | 2              |

### Dimensions

|           |                |
|-----------|----------------|
| Chip Size | 2220           |
| L         | 5.7mm +/-0.2mm |
| W         | 5mm +/-0.2mm   |
| T         | 4mm +/-0.2mm   |
| F         | 0.5mm NOM      |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 2100 |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 0.1 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             | 6 V/us                               |

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