

KEMET Part Number: SMC5.7103J50J33 TR12
(F125PP103J050V)

Capacitor, Film, Metallized PPS, 0.01 uF, +/-5% Tol, General Purpose, 50 VDC@100C



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

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 5.7 | +/-0.2 |
| W | 5 | +/-0.2 |
| T | 3 | +/-0.2 |
| F | 0.5 | NOM |

| Packaging Specifications | |
|--------------------------|----------|
| Package Kind: | T&R |
| Package Size: | Standard |
| Package Quantity: | 2400 |

| General Information | |
|---------------------|--------------------|
| Supplier: | KEMET |
| Dielectric: | Metallized PPS |
| Application: | General Purpose |
| Sub Application: | High Stability |
| Style: | Surface Mount |
| Chip Size: | 2220 (5750 metric) |
| Features: | High Stability |
| RoHS: | Yes |

| Specifications | |
|------------------------------|-----------|
| Capacitance: | 0.01 uF |
| Voltage: | 50 VDC |
| Tolerance: | +/-5% |
| Voltage AC: | 30 VAC |
| Rated Temperature: | 100C |
| Temperature Range: | -55/+125C |
| Dissipation Factor @ 1 kHz: | 0.15% |
| Dissipation Factor @ 10 kHz: | 0.25% |
| Dissipation Factor @ 100kHz: | 0.5% |
| Insulation Resistance: | 15 GOhm |
| Maximum dVdT: | 20 v/us |