

**KEMET Part Number: SMC5.7333J50J33 TR12**  
(F125PP333J050V)

Capacitor, Film, Metallized PPS, 0.033 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:    | HighStability      |
| Style:              | Surface Mount      |
| Chip Size:          | 2220 (5750 metric) |
| Features:           | High Stability     |
| RoHS:               | Yes                |

| Specifications               |           |
|------------------------------|-----------|
| Capacitance:                 | 0.033 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:                | 15 v/us   |