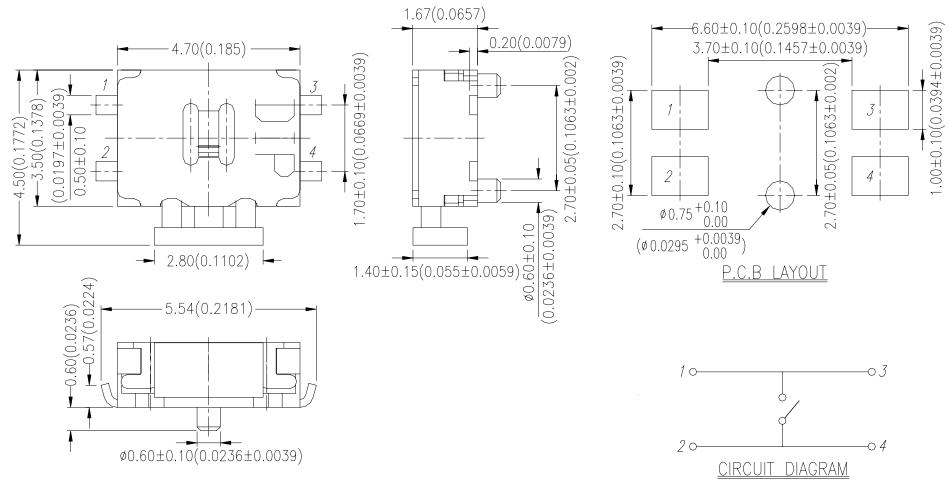
## **PTSERIES**



# DIMENSIONS PTL 1.67(0.0657) -6.60±0.10(0.2598±0.0039) $1.00\pm0.10(0.0394\pm0.0039)$ 3.70±0.10(0.1457±0.0039) \_0.02(0.0079) 4.70(0.185) $1.70\pm0.10(0.0669\pm0.0039)$ $2.70\pm0.10(0.1063\pm0.0039)$ (0.0197±0.0039) 0.50±0.10 -3.50(0.1378)P.C.B LAYOUT 2.80(0.1102) $1.40\pm0.15(0.055\pm0.0059)$ **1** −0.57(0.0224) 5.54(0.2181) -03 CIRCUIT DIAGRAM **GENERAL TOLERANCES MAX:±0.2mm.** PTCL

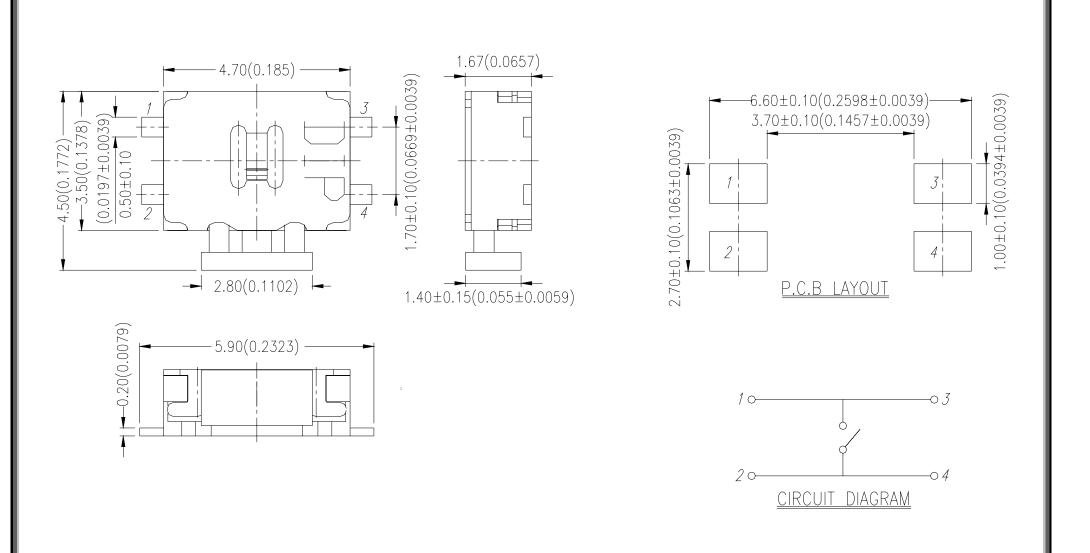


**GENERAL TOLERANCES MAX:±0.2mm.** 

#### PTCLGP $6.60\pm0.10(0.2598\pm0.0039)$ 1.67(0.0657) $1.00\pm0.10(0.0394\pm0.0039)$ 3.70±0.10(0.1457±0.0039) 4.70(0.185) $1.70\pm0.10(0.0669\pm0.0039)$ 2.70±0.10(0.1063±0.0039) 2.70±0.05(0.1063±0.002) 2.70±0.05(0,1063±0.002) ø2.00(ø0.0788) (0.0197±0.0039) 3 **1** ■ 3.50(0.1378) $0.50\pm0.10$ 4 2 5 (0.0236±0.0039) 5 Ø0.60±0.10 0.32(0.126) 1.750+0.10(0.0689+0.004) 0.75(0.0295) — 0.50(0.0197) 1.75(0.0689) 0.70(0.02756) 1-0.57(0.0224) 2.10(0.0827) 2.50(0.0984) PTCLGP1-V PTCLGP2-V 5.54(0.2181) P.C.B LAYOUT 0.60(0.0236) 2.10(0.0827) Ø0.60±0.10(0.0236±0.0039) CIRCUIT DIAGRAM

#### GENERAL TOLERANCES MAX:±0.2mm.



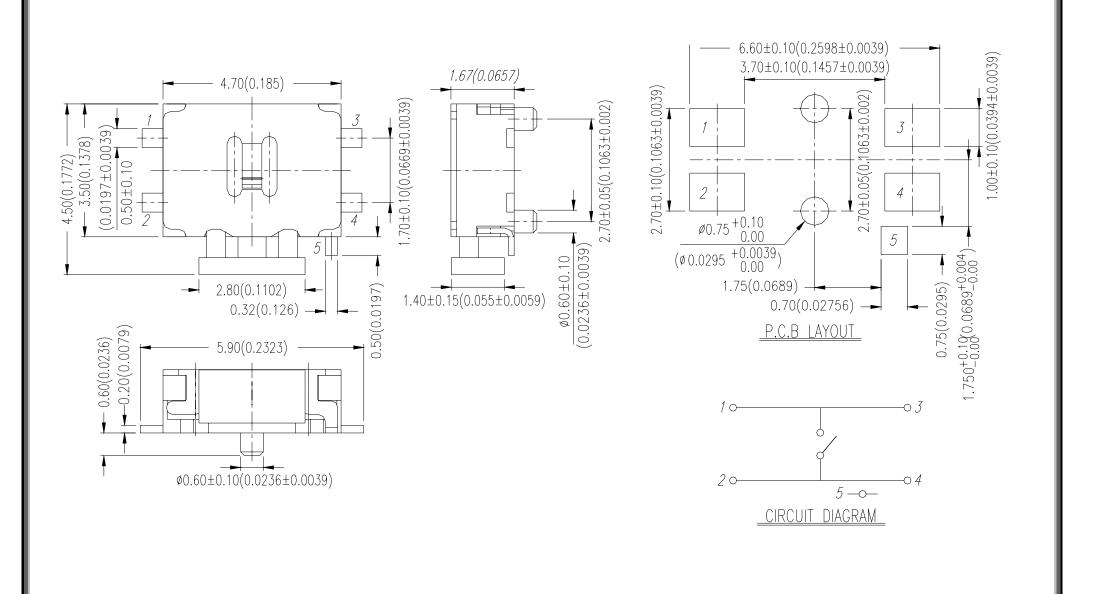


GENERAL TOLERANCES MAX:±0.2mm.

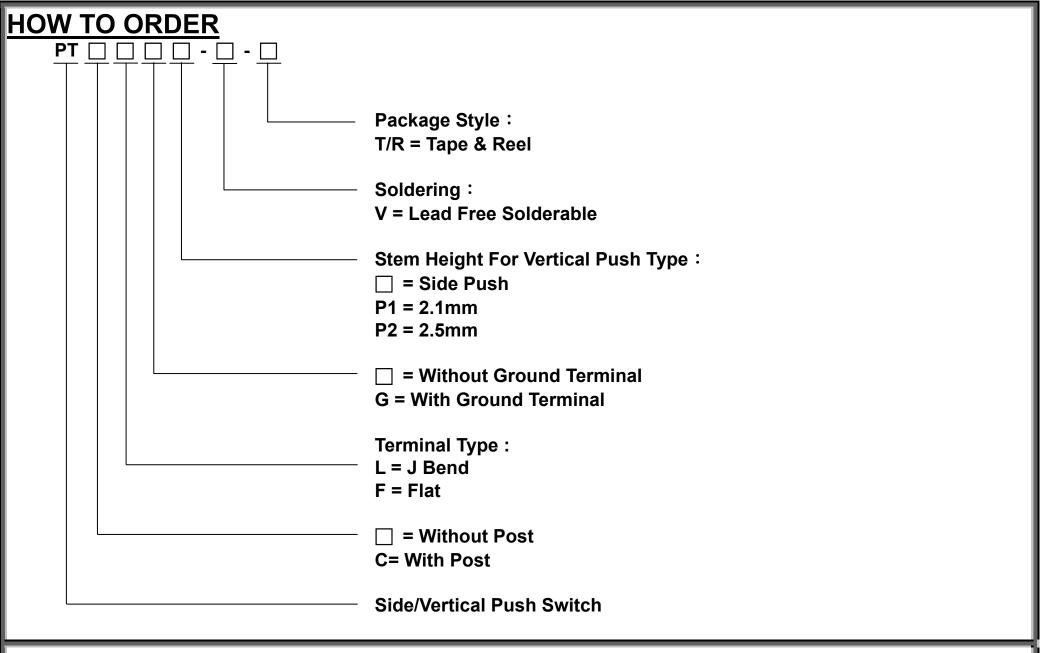
#### PTCF $6.60\pm0.10(0.2598\pm0.0039)$ 1.00±0.10(0.0394±0.0039) 1.67(0.0657) 3.70±0.10(0.1457±0.0039) 4.70(0.185) $1.70\pm0.10(0.0669\pm0.0039)$ $2.70\pm0.05(0.1063\pm0.002)$ $2.70\pm0.10(0.1063\pm0.0039)$ 2.70±0.05(0.1063±0.002, (0.0197±0.0039 -3.50(0.1378) $0.50\pm0.10$ Ø0.75<sup>+0.10</sup><sub>-0.00</sub> $(0.0236\pm0.0039)$ Ø0.60±0.10 (Ø 0.0295 +0.0039) 2.80(0.1102) $1.40\pm0.15(0.055\pm0.0059)$ P.C.B LAYOUT -0.20(0.0079)- 0.60(0.0236) 5.90(0.2323) 20--04 Ø0.60±0.10(0.0236±0.0039) <u>CIRCUIT DIAGRAM</u>

## **GENERAL TOLERANCES MAX:±0.2mm.**

#### PTCFG



**GENERAL TOLERANCES MAX:±0.2mm.** 



#### **SPECIFICATION**

**△MECHANICAL Operation Force:** 

220 +80/-70gf Side push 160 ± 50gf Vertical push

Stroke: 0.30 +0.10 mm | Side push

0.20 ± 0.1 mm Vertical push
Operation Temperature: -25°C to +70°C
Storage Temperature: -30°C to +80°C

**△ELECTRICAL** 

Electrical Life: 100,000 cycles min. for PT(C)L, PT(C)F

Rating: 50mA, 12VDC

Contact Resistance:  $100m\Omega$ max.

Insulation Resistance: 100MΩ min. 500VDC Dielectric Strength: 250VAC/ 1minute Contact Arrangement: 1 pole 1 throw

#### **MATERIAL**

**△COVER:** Stainless Steel

**△CONTACT DISC: Stainless steel** 

**△TERMINAL:** Brass with silver plated

**△BASE:** Nylon High-temp. thermoplastic

Color: Black

**△STEM:** LCP High-temp. thermoplastic

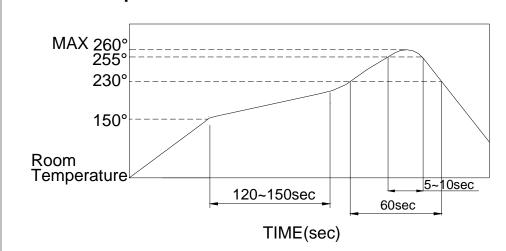
Color: Black △TAPE: Teflon

### SOLDERING PROCESSES

 $\triangle$ HAND SOLDERING : Use a soldering iron of 30 watts, controlled at 350 $^{\circ}$ C approximately max 5 seconds.

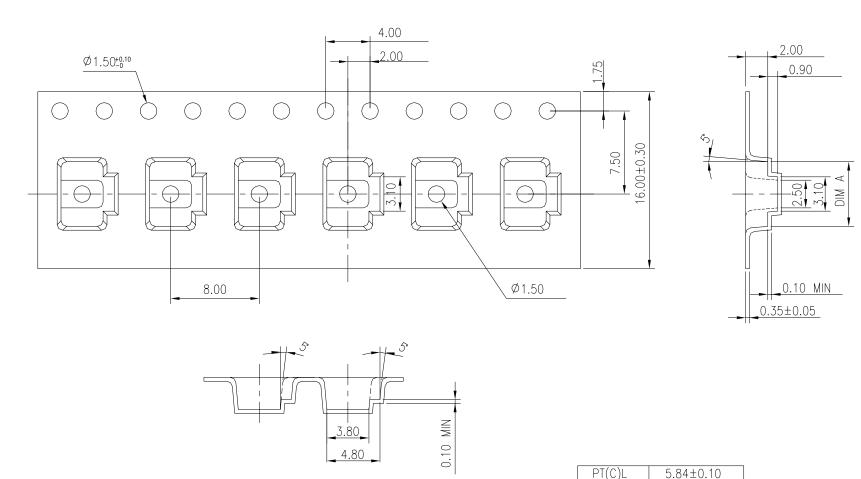
#### **△REFLOW SOLDERING:**

**△Reflow Temperature Profile:** 



# PACKING Part Number Per Reel Side push type 3000 Vertical push type 2400

#### PT(Side push type) REEL



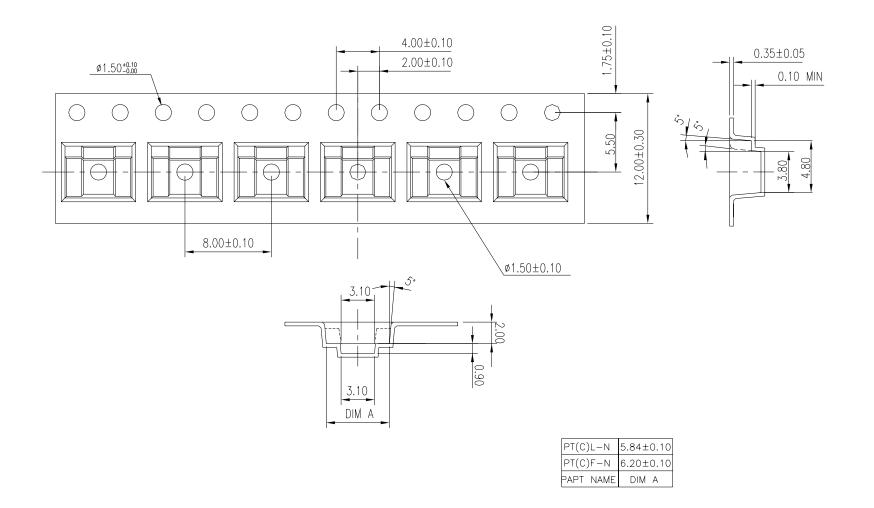
PT(C)L 5.84±0.10

PT(C)F 6.20±0.10

PAPT NAME DIM A

General Tolerance: ±0.1mm

#### PT(Vertical push type) REEL



General Tolerance: ±0.1mm