

# PUSH SWITCHES

**PTS-01 (6.2X6.2mm)**

- Rating: DC30V 50mA
- Stroke: 0.5mm
- Force: PTS-01-A: 75gf  
PTS-01-B: 130gf
- Life: PTS-01-A: 5,000,000 Cycles  
PTS-01-B: 1,000,000 Cycles

**Circuit**

**Mounting Hole Layout**

**WITH LED TYPE**  
**PTS-012 (6X6mm)**

- Rating: DC12V 50mA
- Stroke: 0.25mm
- Force: 160±50gf
- Life: 100,000 Cycles

PTS-012-L2	Red
PTS-012-L5	Green
PTS-012-L8	Yellow

**Circuit**

**Mounting Hole Layout**

**PUSH TO LOCK**  
**PTS-018S (5.8X5.8mm)**

- Rating: DC30V 100mA
- Stroke: Full 1.8 Lock 1mm
- Force: 150±50gf
- Life: 10,000 Cycles

**Circuit**

**Mounting Hole Layout**

**PTS-019 (7X7mm)**

- Rating: DC30V 100mA
- Stroke: Full 1.8 Lock 1mm
- Force: 140±50gf
- Life: 10,000 Cycles

**PUSH TO LOCK: PTS-019S**  
**PUSH NO LOCK: PTS-019N**

**Circuit**

**Mounting Hole Layout**

**PTS-020 (8X8mm)**

- Rating: DC30V 100mA
- Stroke: Full 2.5 Lock 1.5mm
- Force: PTS-020S : 200±80gf  
PTS-020NC: 250±80gf
- Life: 10,000 Cycles

**PUSH TO LOCK : PTS-020S**  
**PUSH NO LOCK: PTS-020NC**  
**WITH CLICK**

**Circuit**

**Mounting Hole Layout**

**PTS-028 (8.5X8.5mm)**

- Rating: DC30V 100mA
- Stroke: Full 2.5 Lock 1.5mm
- Force: 220±50gf
- Life: 10,000 Cycles

**PUSH TO LOCK: PTS-028S**  
**PUSH NO LOCK: PTS-028N**  
**PUSH NO LOCK: PTS-028NC**  
**WITH CLICK**

**Circuit**

**Mounting Hole Layout**

**PTS-051 (10X10mm)**

- Rating: DC30V 100mA
- Stroke: Full 2.5 Lock 1.5mm
- Force: 200±50gf
- Life: 10,000 Cycles

**PUSH TO LOCK: PTS-051S**  
**PUSH NO LOCK: PTS-051N**

**Circuit**

**Mounting Hole Layout**

**PUSH TO LOCK**  
**PTS-063S**

- Rating: DC30V 100mA
- Stroke: Full 2.5 Lock 1.5mm
- Force: 350±100gf
- Life: 10,000 Cycles

**Circuit**

**Mounting Hole Layout**