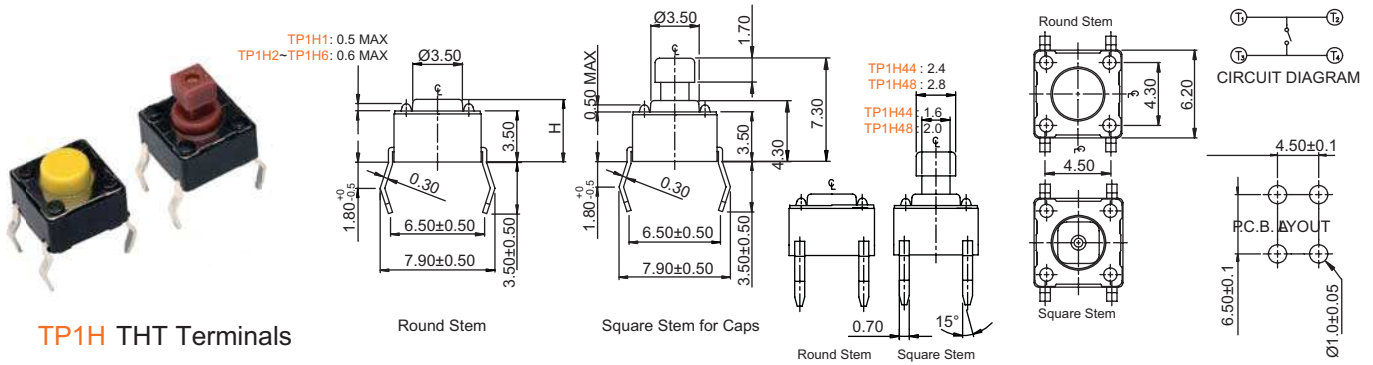


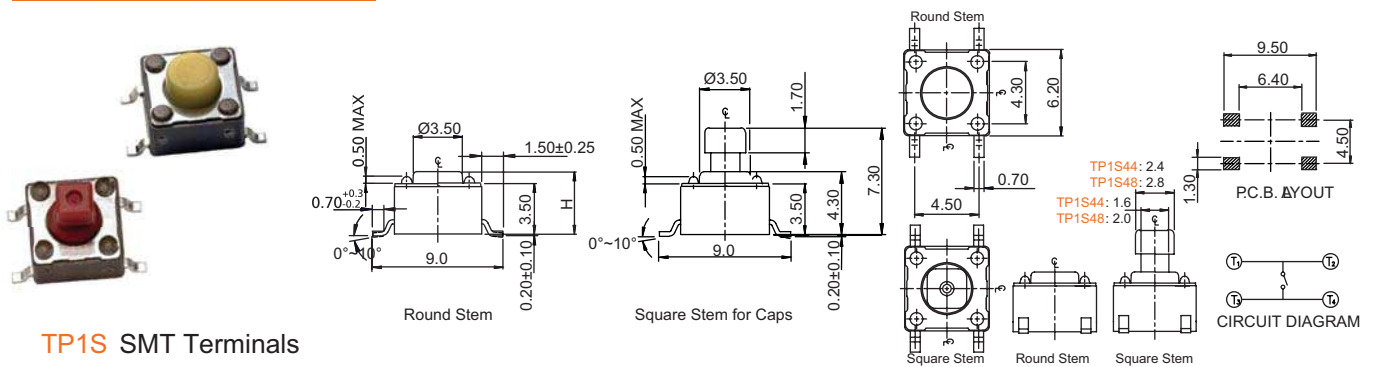
Tactile Switches

Standard 6x6mm Tactile Switches

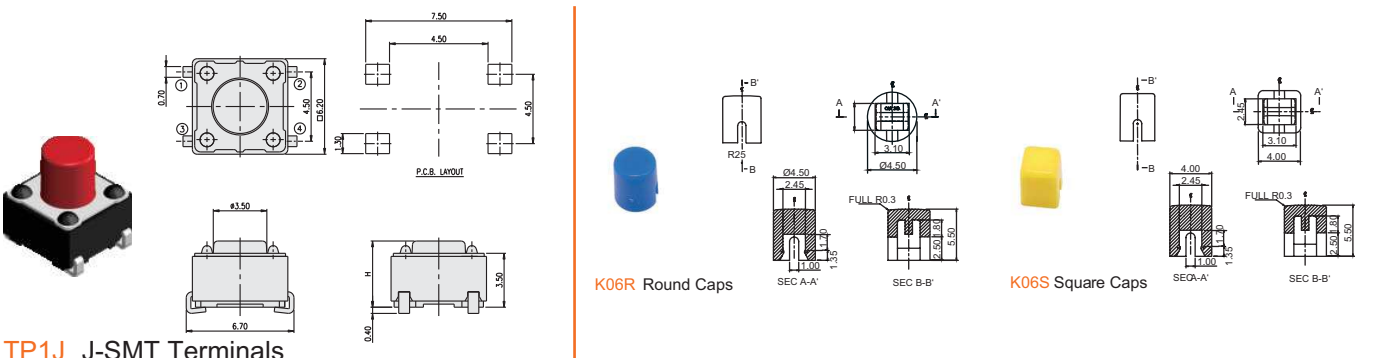
TP1 Series



TP1H THT Terminals



TP1S SMT Terminals



TP1J J-SMT Terminals

How to order:

TP1 + (Caps)

- 1 TYPE OF TERMINALS:**
H THT
S SMT
J J-SMT (no Square Stem Option)

- 2 DIMENSION "H":**
1 H=4.3mm (Round Stem)
2 H=5.0mm (Round Stem)
3 H=7.0mm (Round Stem)
44 H=7.3mm (Square Stem 2.4mm)
48 H=7.3mm (Square Stem 2.8mm)
5 H=9.5mm (Round Stem)
6 H=13.0mm (Round Stem)
8 H=11.3mm (Round Stem)

- 3 STEM COLOR & OPERATING FORCE:**
A Black & 100±50gf
K Brown & 160±50gf
C Red & 260±50gf
J Salmon & 320±80gf
E Yellow & 520±130gf

- 4 MATERIAL OF DOME:**
Blank Phosphor Bronze Dome
S Stainless Steel Dome

- 5 PACKAGE STYLE:**
TB Tube (TP1S, TP1H1 & TP1H2 only)
TR Tape & Reel (TP1S only)

- Optional:**
- 6 CAP TYPE (Only for Square Stems):**
K06S Square Caps
K06R Round Caps

- 7 COLOR OF CAPS:**
A Black
B Ivory
C Red
E Yellow
F Green
G Blue
H Gray
S Salmon

General Specifications:

MATERIALS

- » Contact Disc: Phosphor Bronze with silver cladding
- » Terminal: Brass with silver plated

MECHANICAL

- » Stroke: 0.25 (+0.2/-0.1) mm
- » Operation Temperature Range: -40°C to +85°C

ELECTRICAL

- » Electrical Life (Phosphor Bronze Dome):
 50,000 cycles for 320gf, 520gf
 100,000 cycles for 260gf
 200,000 cycles for 100gf, 160gf
- » Electrical Life (Stainless Steel Dome):
 300,000 cycles for 320gf, 520gf
 500,000 cycles for 260gf
 1,000,000 cycles for 100gf, 160gf
- » Rating: 50mA, 12VDC
- » Contact Arrangement: 1 pole 1 throw

LEADFREE SOLDERING PROCESSES

- » Wave Soldering: Recommended solder temperature at 260°C max. 5 seconds subject to PCB 1.6mm thickness (for THT).
- » Reflow Soldering: When applying reflow soldering, the peak temperature or the reflow oven should be set to 260°C max. 10 seconds max. (for SMT).

General Tolerance: ± 0.2 mm