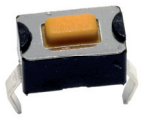
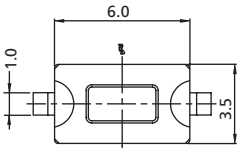
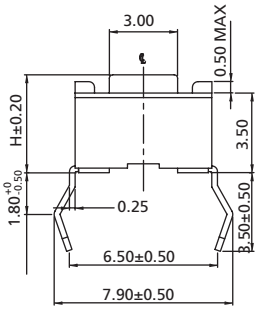
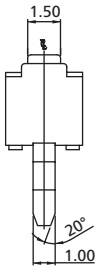
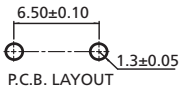
6 x 3.5 mm Tactile Switches — TP6 Series







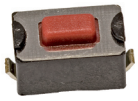


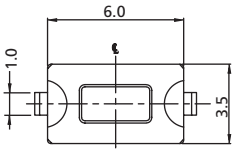


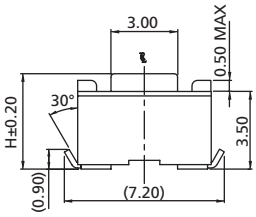


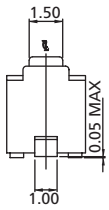
CIRCUIT DIAGRAM

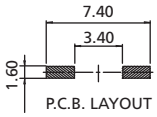
TP6H Thru Hole Type







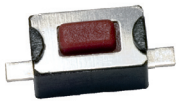


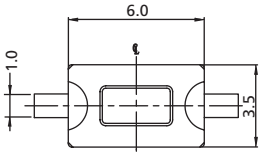


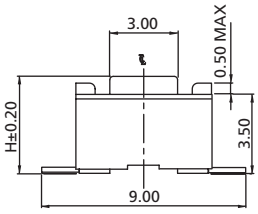


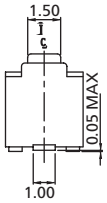
CIRCUIT DIAGRAM

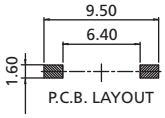
TP6B Surface Mounting Bending Type













CIRCUIT DIAGRAM

TP6S Surface Mounting Type

How to order:

TP6 [1] [2] [3] [4]

1 TYPE OF TERMINALS:
- H THT
- B SMT Bending
- S SMT Flat

2 DIMENSION H:
- 43 H = 4.3 mm
- 50 H = 5.0 mm

3 STEM COLOR / OPERATING FORCE:
- K Brown / 160±50 gf
- C Red / 260±50 gf
- B Salmon / 320±80 gf
- E Yellow / 520±130 gf

4 PACKAGE:
- BK Bag (TP6H Only)
- TB Tube
- TR Tape & Reel

General Tolerance: ± 0.2 mm

General Specifications:

FEATURES
» Sharp click feel with a positive tactile feedback

MATERIALS
» Contact Disc: Stainless steel with silver cladding
» Terminal: Brass with silver plated

MECHANICAL
» Stroke: 0.25 (+0.20/-0.10) mm
» Operation Temperature: -25°C to +70°C
» Storage Temperature: -30°C to +80°C

ELECTRICAL
» Electrical Life: 50,000 cycles for 160gf & 320gf
30,000 cycles for 260gf & 520gf
» 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 (for SMT).