

FEATURES:

- Sharp click feel with a positive tactile feedback.
- Ultraminiature and light weight structure suitable for high density mounting. Economic but high reliability.
- Insert molding in the contact with special treatment prevents flux build-up during soldering and permits auto-dipping.

MATERIAL:

- Cover: Nickel Silver
- Base: UL94V-0 Nylon High -Temp. Thermoplastic.
Color: White
- Stem: UL94V-0 Nylon High - Temp. Thermoplastic.
Color: Black(160gf), White(260gf)
- Contact Disc: Stainless with silver cladding.
- Terminal: Brass with silver plated.

SPECIFICATION

MECHANICAL

- Operation Force:
 - 2 = 160 ± 50 gf
 - 3 = 260 ± 50 gf
- Stroke: 0.25 +0.1mm/-0.2mm
- Operation Temperature Range: -25°C to +70°C
- Storage Temperature Range: -40°C to +80°C
- Vibration Test: MIL-STFD-202F METHOD 201A.
 - Frequency: 10-55-10Hz/1 minute
 - Directions: X,Y,Z, three mutually perpendicular directions.
 - Time: 2 hours each direction.
 - High reliability.
- Shock Test: MIL-STD-202F METHOD 213B
CONDITION A.
 - Gravity: 50G (peak value), 11 msec
 - Direction and times: 6 sides and 3 times in each direction.
 - High reliability.

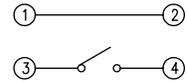
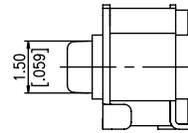
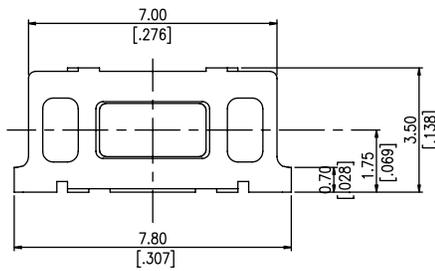
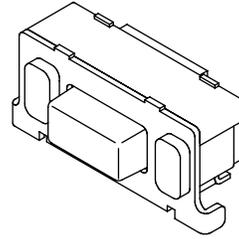
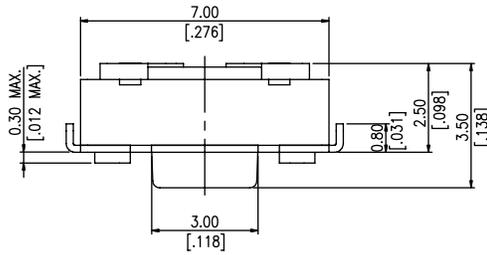
ELECTRICAL

- Electrical Life: 50 000 cycles for 160f
30 000 cycles for 260gf
- Rating: 50mA, 12VDC.
- Contact Resistance: 100mΩ max.
- Insulation Resistance: 100MΩmin. at 500VDC.
- Dielectric Strength: 250VAC/1 minute.
- Contact Arrangement 1 pole 1 throw

Packaging:

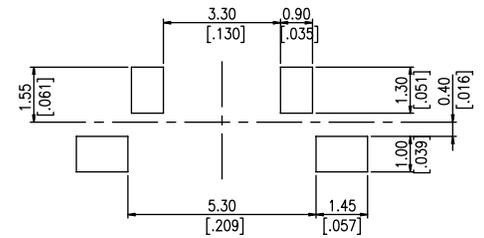
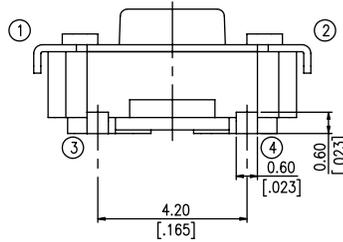
Part Number	Number Per Reel
SETSAT3570-1	2000
SETSAT3570E-1	
SETSAT3570EP-1	
SETSAT3570P-1	

SETSAT3570-1



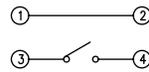
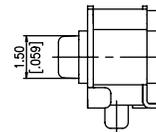
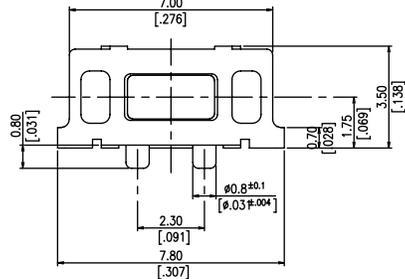
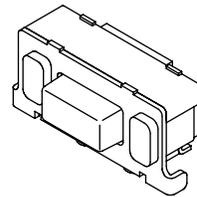
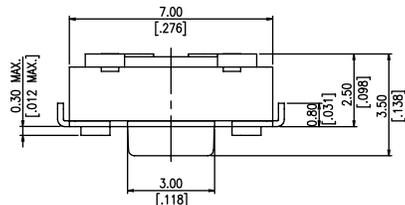
Circuit

Part No.	Color of Stem	Operating Force
SETSAT3570-1K2	Black	160 ± 50gf
SETSAT3570-1W3	White	260 ± 50gf



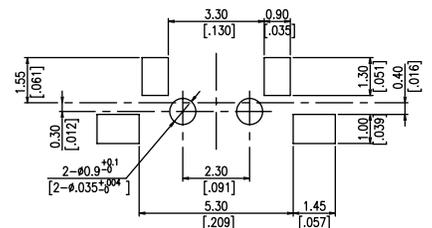
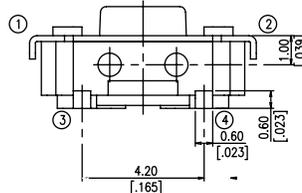
P.C.B Layout

SETSAT3570E-1



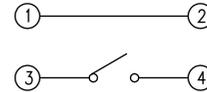
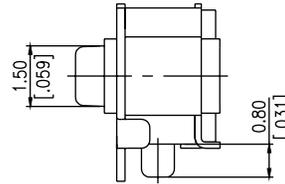
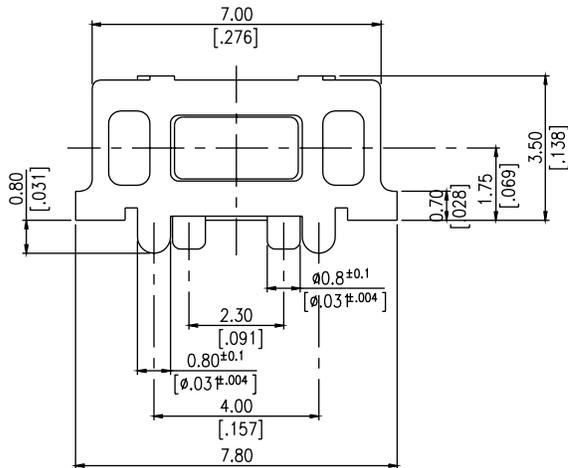
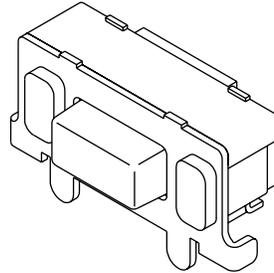
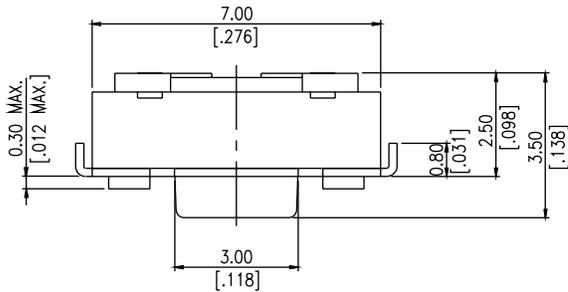
Circuit

Part No.	Color of Stem	Operating Force
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SETSAT3570E-1W3	White	260 ± 50gf

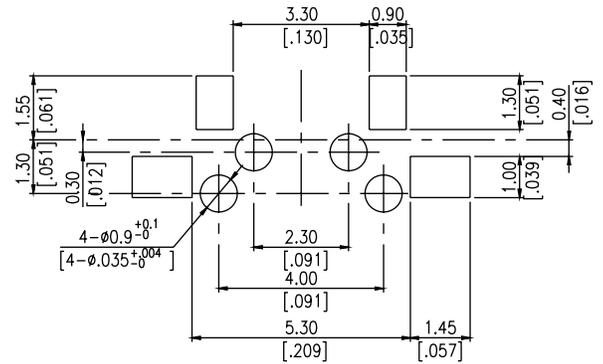
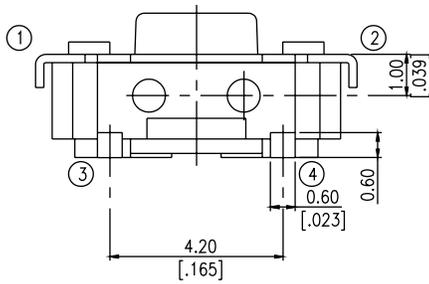


P.C.B Layout

SETSAT3570EP-1



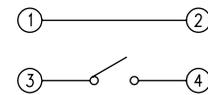
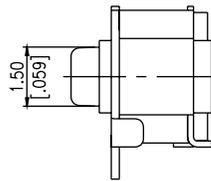
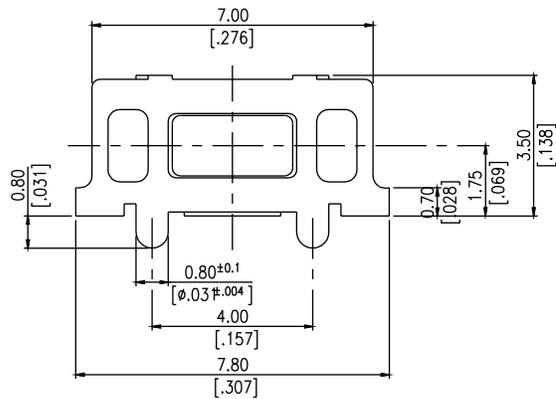
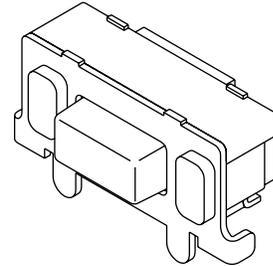
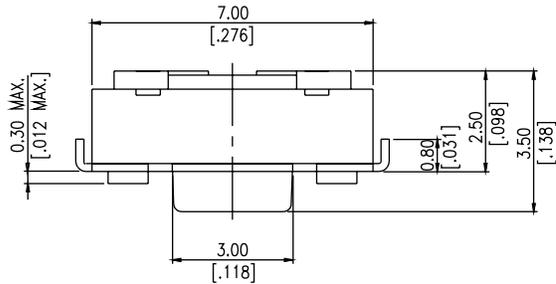
Circuit



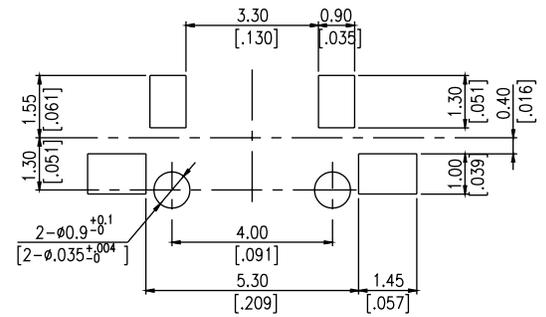
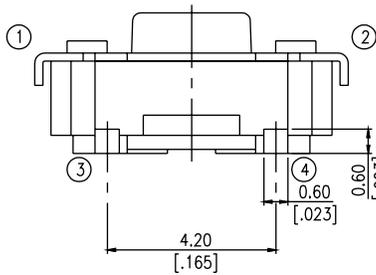
P.C.B Layout

Part No.	Color Of Stem	Operating Force
SETSAT3570EP-1K2	Black	160 ± 50gf
SETSAT3570EP-1W3	White	260 ± 50gf

SETSAT3570P-1



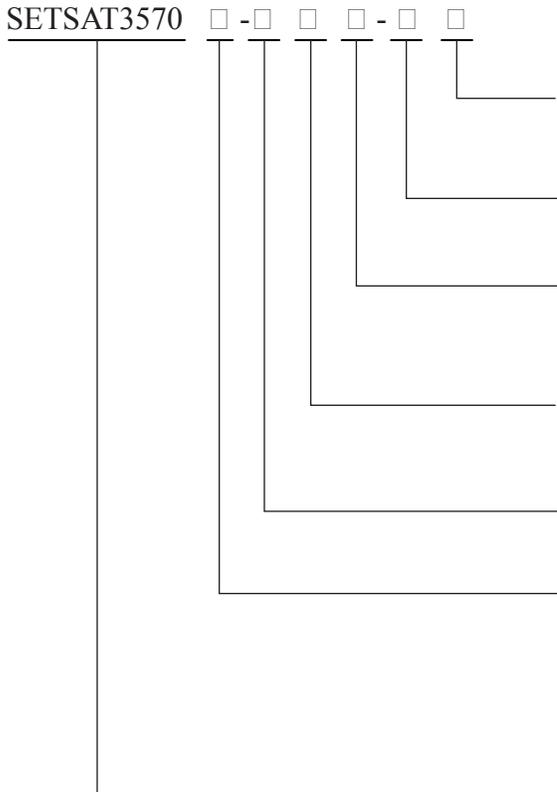
Circuit



P.C.B Layout

Part No.	Color Of Stem	Operating Force
SETSAT3570P-1K2	Black	160 ± 50gf
SETSAT3570P-1W3	White	260 ± 50gf

HOW TO ORDER:



Package Style:
T/R = Tape & Reel

Soldering:
R = Lead Free Solderable

Operating Force:
2 = 160gf
3 = 260gf

Color of Stem
K = Black
W = White

Stem Height:
1 = 1.0mm

Pilot:
□ = Without Pilot
E = Base with Pilot
P = Cover with Pilot
EP = Base + Cover with Pilot

Extra Thin Side actuated Tact Switch

Soldering Process

▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 350° approximatly max 5 seconds while applying.

▲ Reflow Soldering : When applying reflow soldering, the peak temperature or the reflow oven should be set at 260°C Max.

