

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 Thermoplastic.
Color: Black
- Stem: UL94V-0 Nylon Thermoplastic.
Color: Salmon (320gf), White, Brown(160gf)
- Contact Disc: Stainless with silver cladding.
- Terminal: Brass with silver plated.

SPECIFICATION

MECHANICAL

- Operation Force:
320 ± 50gf Salmon (S)
160 ± 50gf White (W)
- Stroke: 0.25 +0.1mm/-0.2mm
- Operation Temperature Range: -25°C to +70°C
- Storage Temperature Range: -30°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.

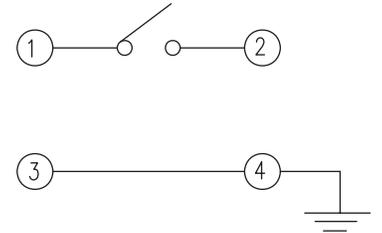
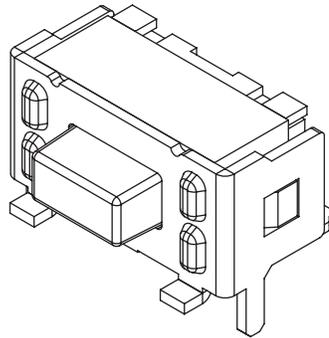
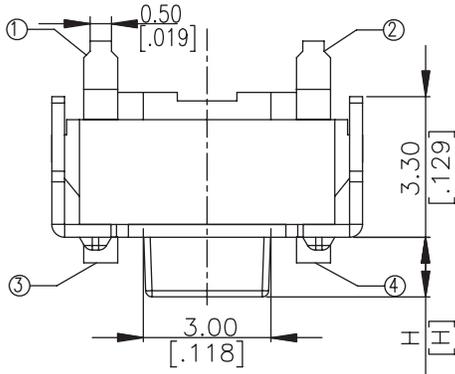
ELECTRICAL

- Electrical Life: 50 000 cycles for 160g, 320g
- Rating: 50mA, 12VDC.
- Contact Resistance: 100mΩ max.
- Insulation Resistance: 100MΩ min. at 500VDC.
- Dielectric Strength: 250VAC/1 minute.
- Contact Arrangement 1 pole 1 throw

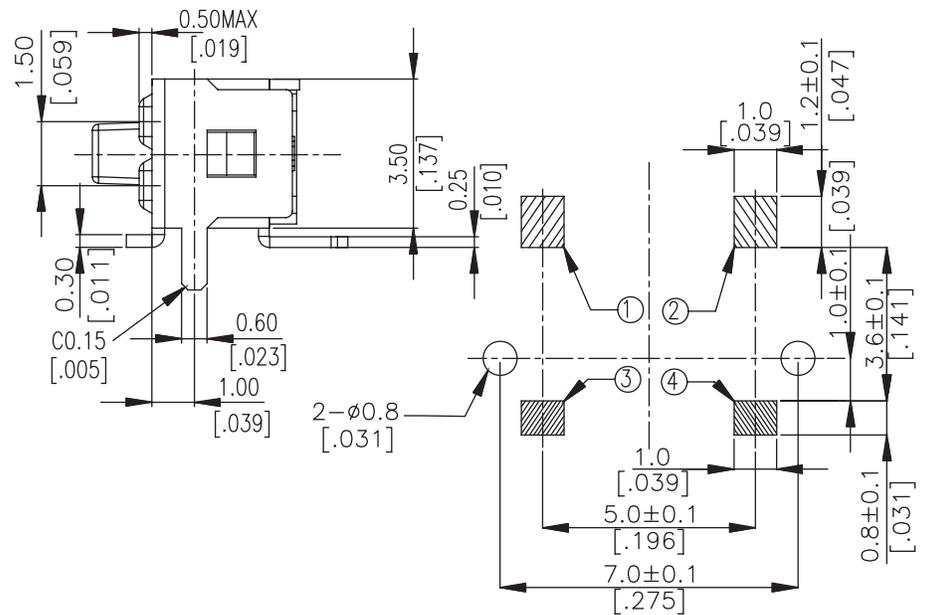
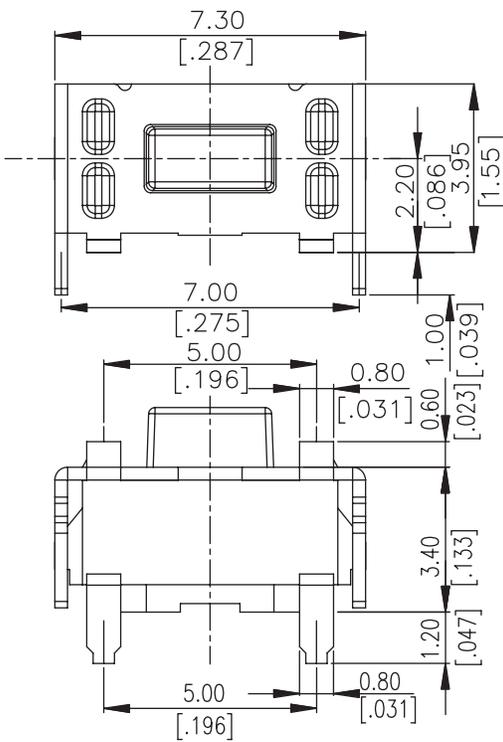
Packaging:

Part Number	Number Per Reel
SRT3	900

SRT3C

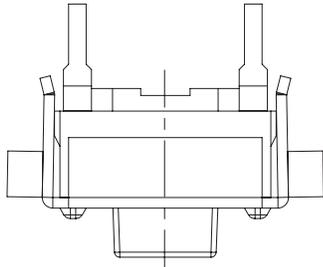


CIRCUIT DIAGRAM



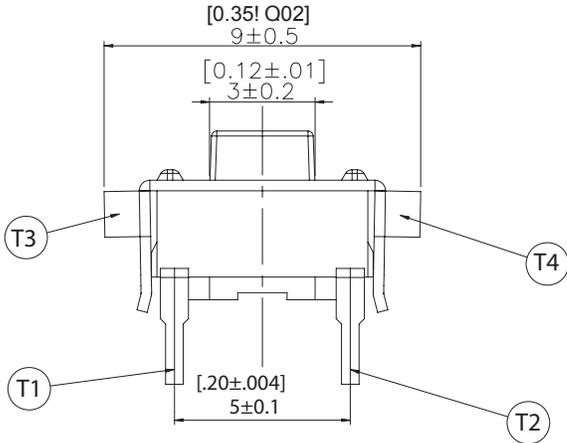
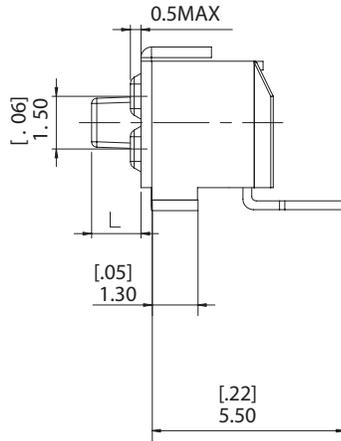
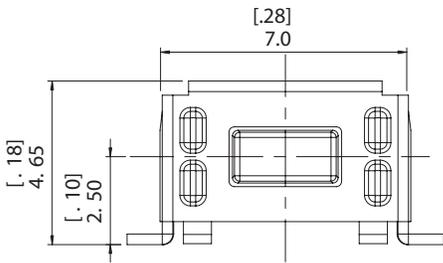
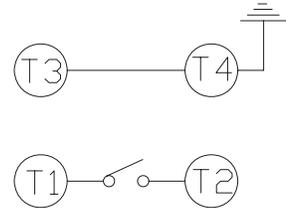
P.C.B. LAYOUT

SRT3-N2

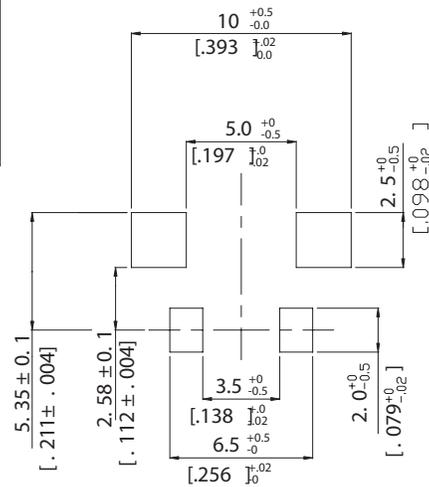


SRT3-N2□2	1.4[.055]	S	Salmon 320g
		W	White 160g
SRT3-N2□1	0.7[.028]	S	Salmon 320g
		W	White 160g
Part Name:	L	Color For Operating Force	

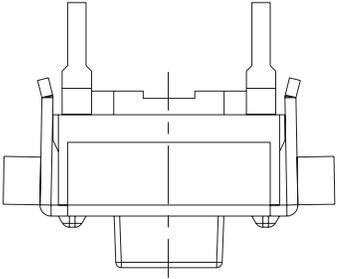
CIRCUIT DIAGRAM



P.C.B. LAYOUT

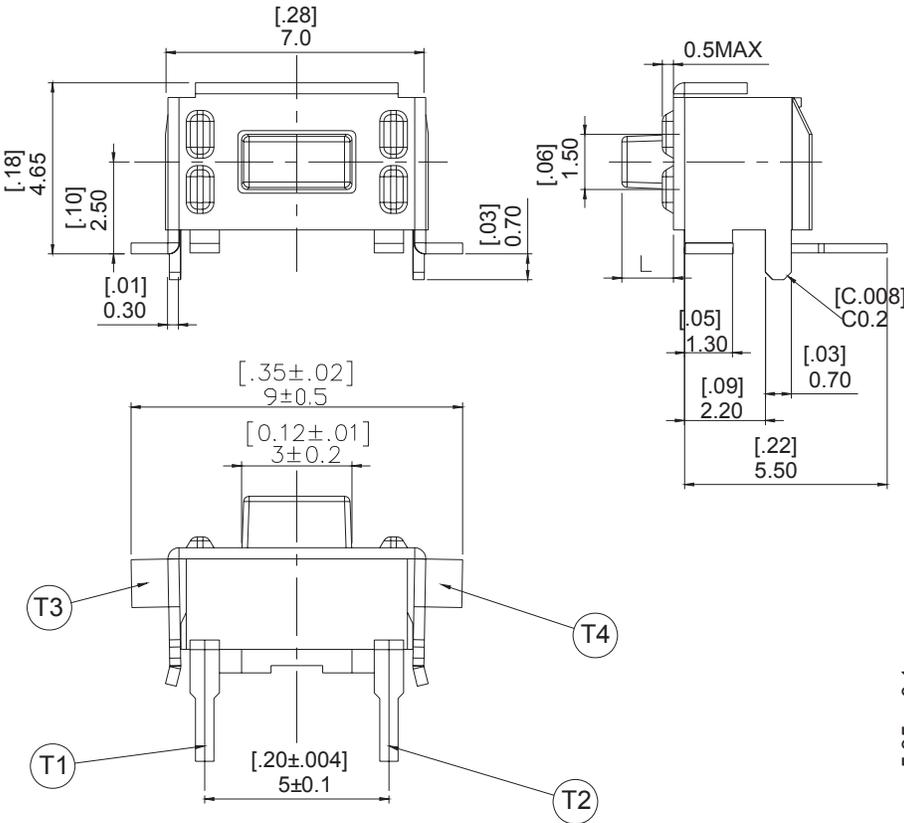
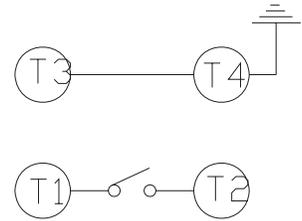


SRT3

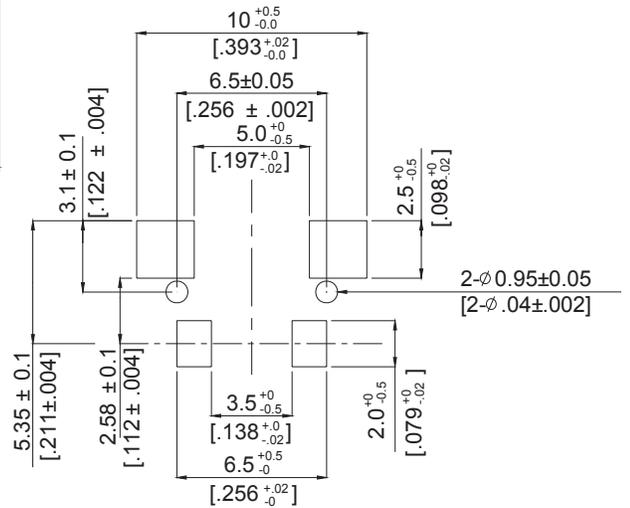


SRT3-2□2-R	1.4[.055]	S	Salmon 320g
		W	White 160g
		N	Brown 160g
SRT3-2□1-R	0.7[.028]	S	Salmon 320g
		W	White 160g
		N	Brown 160g
Part Name	L	Color For Operating Force	

CIRCUIT DIAGRAM

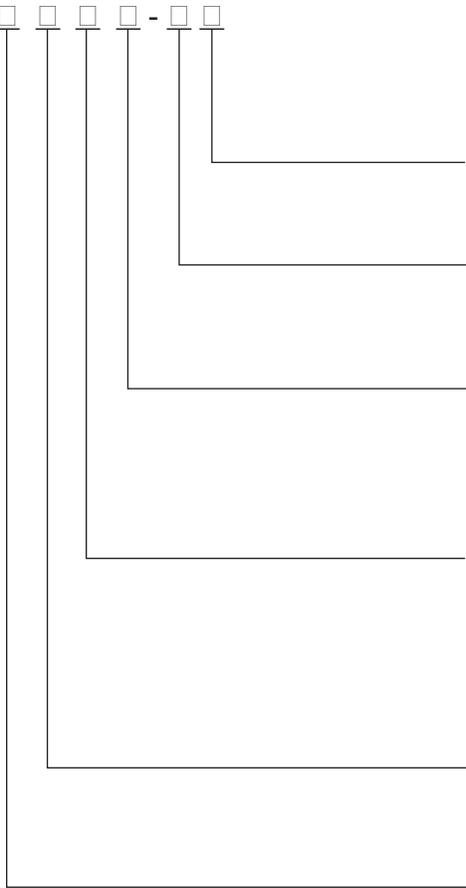


P.C.B. LAYOUT



HOW TO ORDER:

SRT3 - □ □ □ □ - □ □



Package Style:
T/R = Tape & Reel

Soldering:
R = Lead Free Solderable
Q = Halogen Free

L Height:
1 = 0.7mm
2 = 1.4mm
5 = 5.0mm

Color of Stem for Operating Force:
K = Black, 160gf (for L = 5.0mm only)
W = White, 160gf
N = Brown, 160gf
S = Salmon, 320gf

2 = Ground Terminal on both sides
C = Ground Terminal in the Front

□ = With Support Terminal (Only for SRT3-2)
N = Without Support Terminal (Only for SRT3-2)

Soldering Process

- ▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 350°C max approximatly 5 seconds while applying.
- ▲ Reflow Soldering : When applying reflow soldering, the peak temperature or the reflow oven should be set at 260°C Max.
- ▲ Condition for Soldering: Reflow and Non-Washable Type

Temperature Profile:

