

FEATURES:

- Sharp click feel with a positive tactile feedback. Due to a small movement distance (stroke), user experiences distinct sensation when the switch “clicks” into place.
- 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: Steel.
- Base: UL94V-0 Nylon Thermoplastic.
Color: Black
- Stem: UL94V-0 Nylon Thermoplastic.
Color: Brown(160gf), Red(260gf),
Salmon(320gf), Yellow(520gf)
Black(100gf)
- Contact Disc: Phosphor Bronze with silver cladding.
- Terminal: Brass with silver plated.

SPECIFICATION

MECHANICAL

- Operation Force:
 - 520 ± 130gf Yellow (Y)
 - 320 ± 80gf Salmon (S)
 - 260 ± 50gf Red (R)
 - 160 ± 50gf Brown (N)
 - 100 ± 50gf Black (K)
- Stop Strength: Max 3kgf vertical static load continuously for 15 seconds
- Stroke: (6x6) 0.25 +0.2mm -0.1mm
- 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

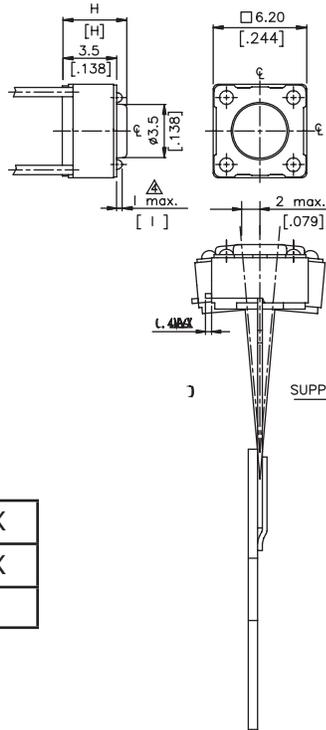
(6x6)

- Electrical Life: 300 000 cycles for 320gf, 520gf
500 000 cycles for 260gf
1 000 000 cycles for 100gf, 160gf
- Rating: 50mA, 12VDC.
- Contact Resistance: 100mΩ max.
- Insulation Resistance: 100Ωmin. at 500VDC.
- Dielectric Strength: 250VAC/1 minute.
- Contact Arrangement 1 pole 1 throw

Packaging:

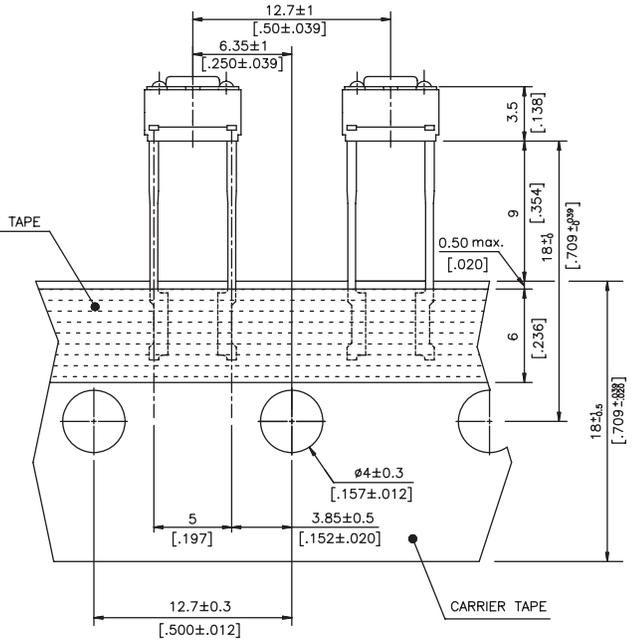
Part Number	Number per bag
STST-6	900

STST-6

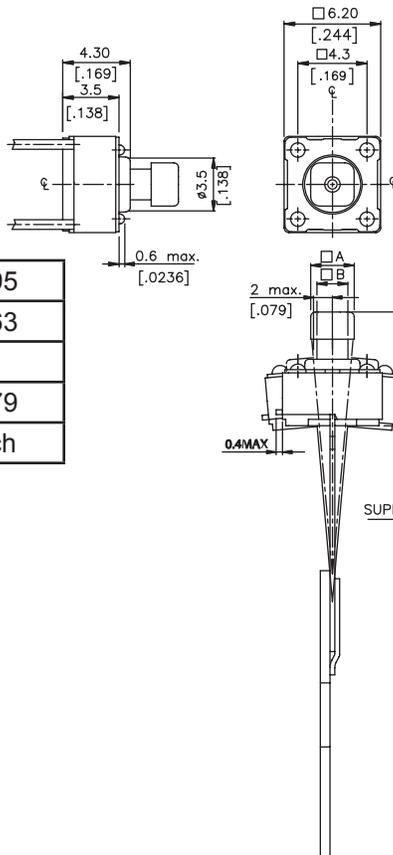


STST-6□6	13.0[.512]
STST-6□5	9.5[.374]
STST-6□3	7.0[.275]
STST-6□2	5.0[.197]
STST-6□1	4.3[.169]
Prod. No.	H

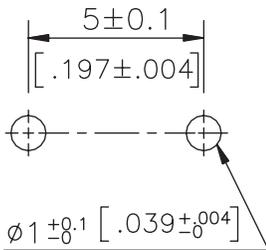
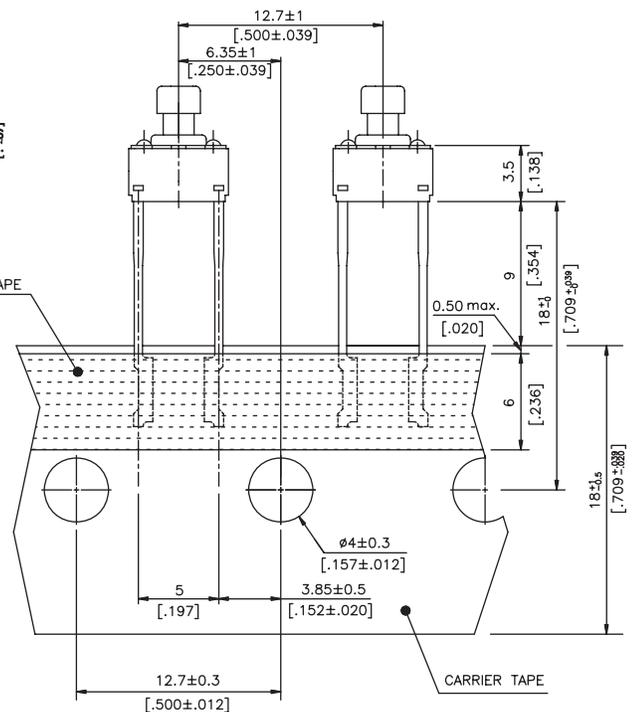
STST-6□2~6□6	0.6 MAX	0.236 MAX
STST-6□1	0.5 MAX	0.197 MAX
Prod. No.	I	Inches



STST-6□4(8)



STST-6□44	A	2.4	.095
	B	1.6	.063
STST-6□48	A	2.8	.11
	B	2.0	.079
Prod. No.	Loc.	mm.	Inch

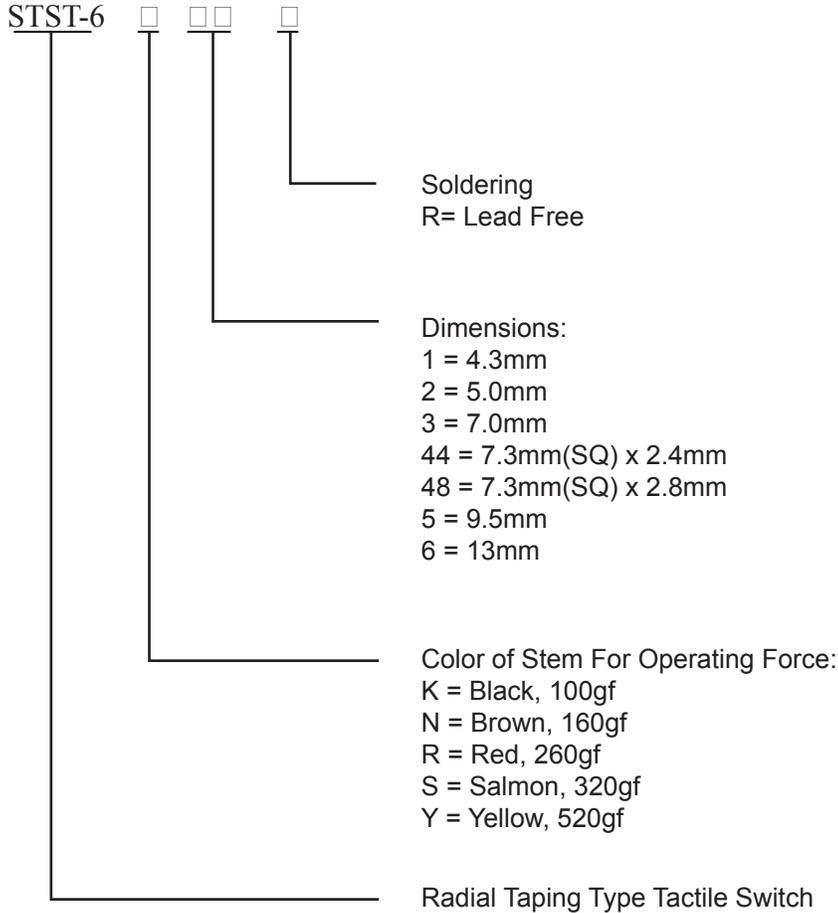


P.C.B Layout



Circuit Diagram

HOW TO ORDER:



Soldering Process

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

▲ Wave Soldering: Recommended solder temperature 500°F (260°C) max 5 seconds