

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.
- Seal characteristics:
 - a. The washable type switches allow submersed washing after soldering.
 - b. Proceed the cleaning process after the S/W temperature decreases to normal.
 - c. Degree of protection: IP46

MATERIAL:

- Cover: Stainless steel.
- Base: UL94V-0 Nylon High Temp. Thermoplastic.
Color: Black
- Terminal: Brass with silver plated.

SPECIFICATION

MECHANICAL

- Operation Force:
 - 360 ± 90gf Transparent (T), 6□9,6□7,6□5
 - 160 ± 50gf Silver (S), STSJW-6□8
 - 260 ± 50gf Red (R), STSJW -6□9,6□7,6□5,6□4
 - 160 ± 50gf Brown (N), STSJW -6□9, 6□7, 6□5, 6□4
 - 160 ± 50gf Brown (N), STSJW-6□8
- Stop Strength: Max 3kgf vertical static load continuously for 15 seconds
- Stroke: 0.25 +0.2mm -0.1mm 6N6, 6S8
 - 0.6 ± 0.2mm, 6□9,6T7
 - 0.45 ± 0.2mm, 6□9,6□7,6(N,R)5,6T5,6(N,R)4
- 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

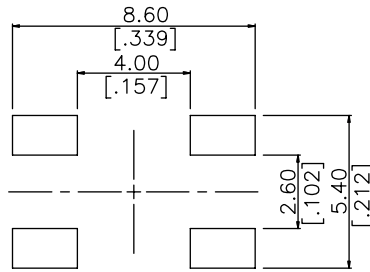
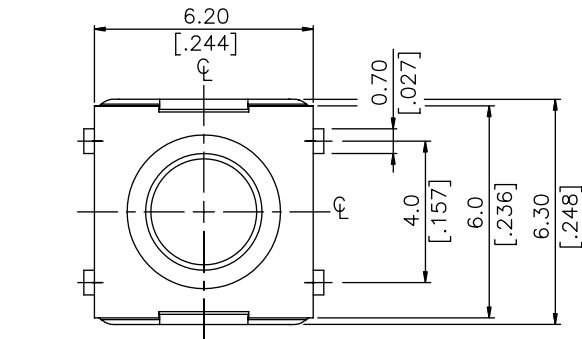
- Electrical Life:
 - 500 000 cycles for STSJW-6(N,R,T)9, 6(N,R,T)5, 6(N,R)4
 - 500 000 cycles for STSJW-6(N,R,T)7
 - 100 000 cycles for STSJW-6N6, 6S8
- Rating: 50mA, 12VDC.
- Contact Resistance: 100mΩ max.
- Insulation Resistance: 100Ωmin. at 500VDC.
- Dielectric Strength: 250VAC/1 minute.
- Contact Arrangement 1 pole 1 throw

Packaging:

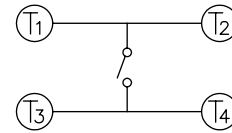
Part Number	Number Per Tube	Number Per Reel
STSJW -6□6	75	1900
STSJW -6□8	75	2700
STSJW -6□9	75	1800
STSJW -6□5	75	1900
STSJW -6□7	75	900
STSJW -6□4	-	900

Item No.	STSJW-6N6	STSJW-6S8	STSJW-6(N,R,T)9, STSJW-6(N,R,T)5	STSJW-6(N,R,T)7
Stem	High-Temp Thermoplastic Nylon UL 94V-0 Color: Brown(N), 160gf	None	Silicone Rubber	Silicone Rubber
Adhesive Tape	Teflon	Teflon (Standard) Kapton (R-Option)	None	None
Metal Stem	Brass with Nickel plated	Brass with Nickel Plated	None	None
Filler	None	None	None	Nylon
Contact	Phosphor bronze with silver cladding (Standard) Stainless steel (R-Option)		Phosphor bronze with silver cladding (Standard) Stainless steel (R-Option)	Stainless Steel

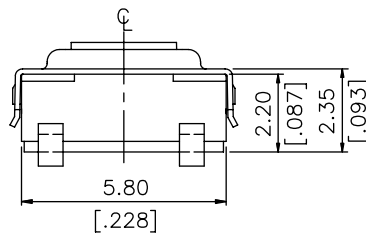
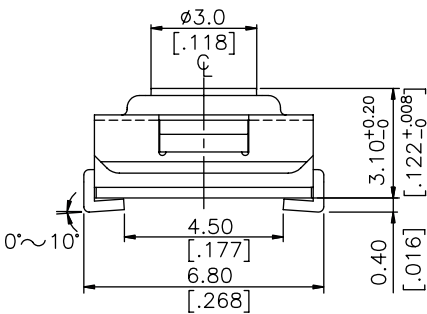
STSJW-6N6



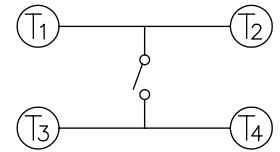
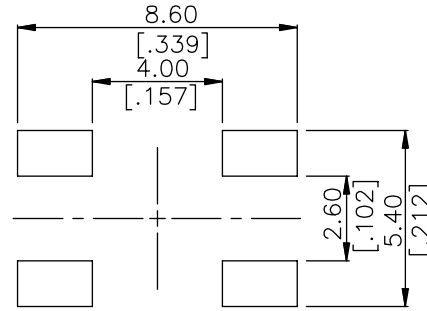
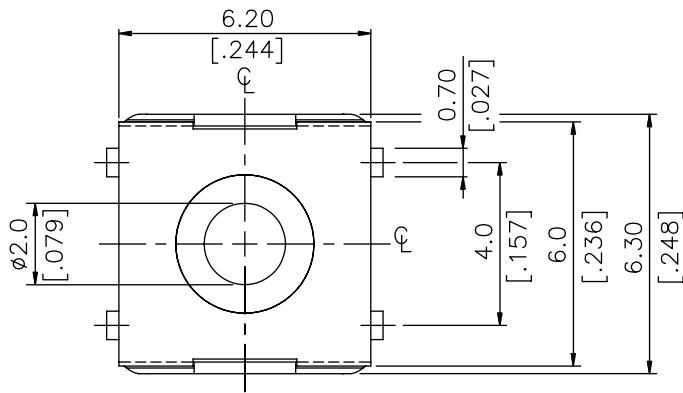
P.C.B. LAYOUT SCALE 8:1



CIRCUIT DIAGRAM

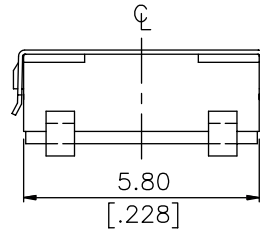
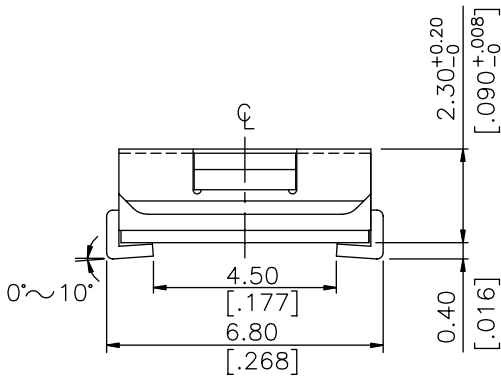


STSJW -6S8

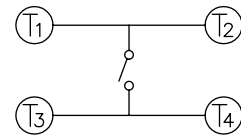
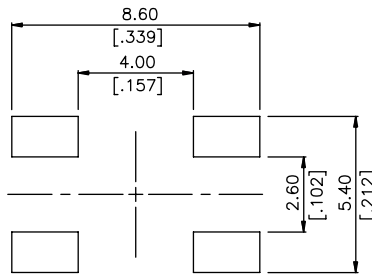
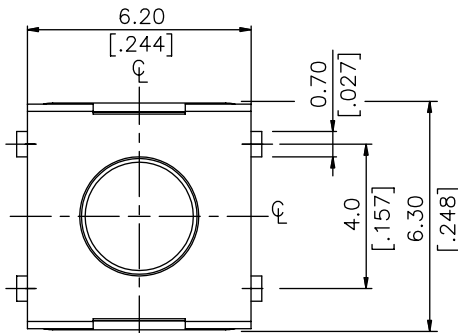


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CIRCUIT DIAGRAM

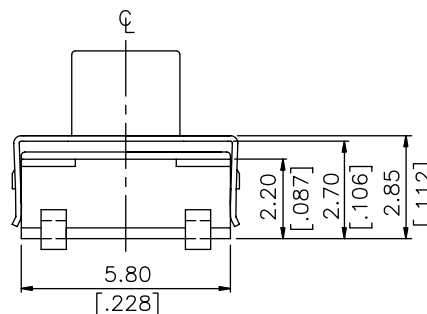
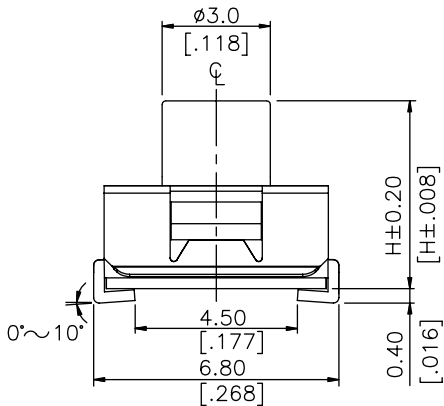


STSJW -6□9,6□7,6□5,6□4



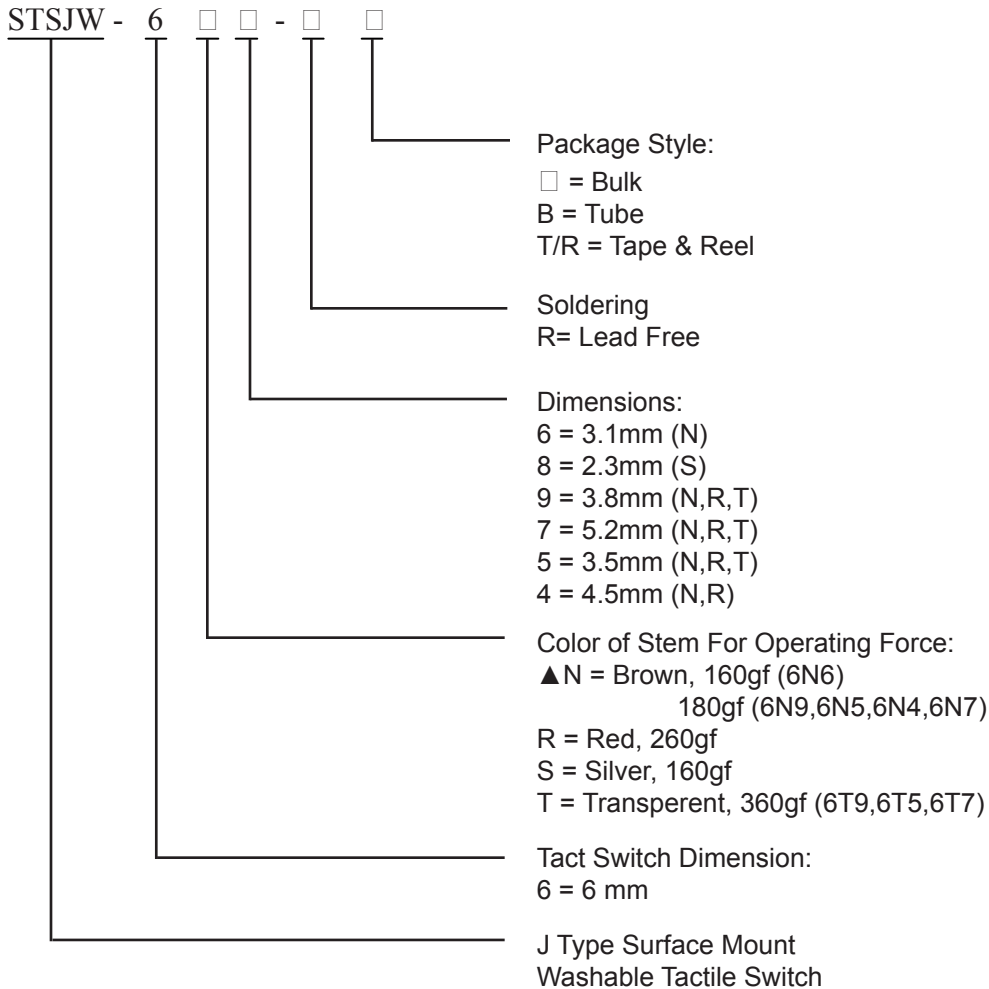
P.C.B. LAYOUT SCALE 8:1

CIRCUIT DIAGRAM



STSJW-6□4-R	4.5mm[.177]
STSJW-6□5-R	3.5mm[.138]
STSJW-6□9-R	3.8mm[.150]
STSJW-6□7-R	5.2mm[.205]
Part No.	H

HOW TO ORDER:



Soldering Process

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

▲ Soldering: Vapor Phase & Reflow soldering can be applied

