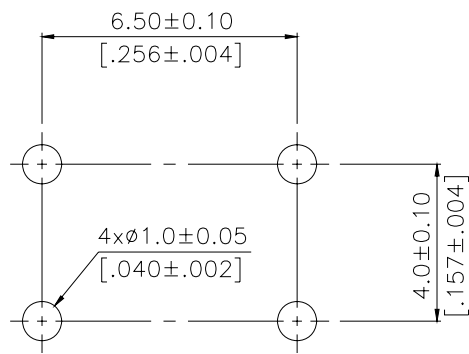
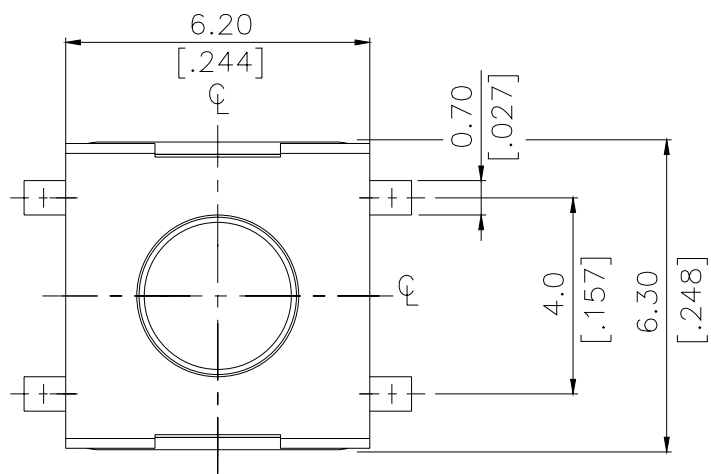
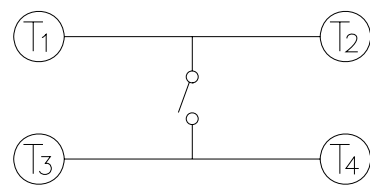


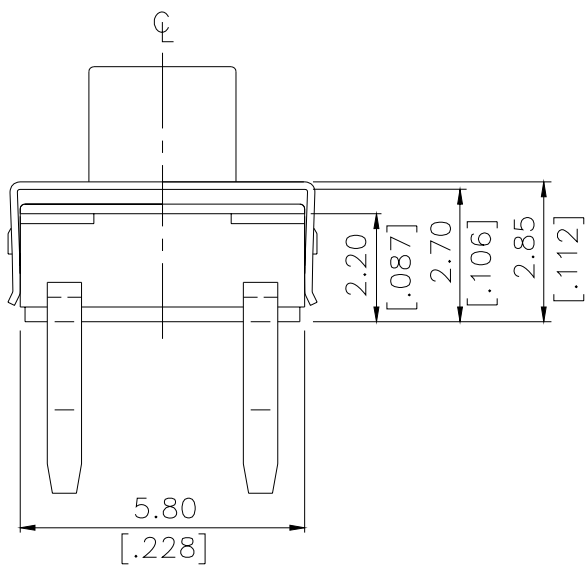
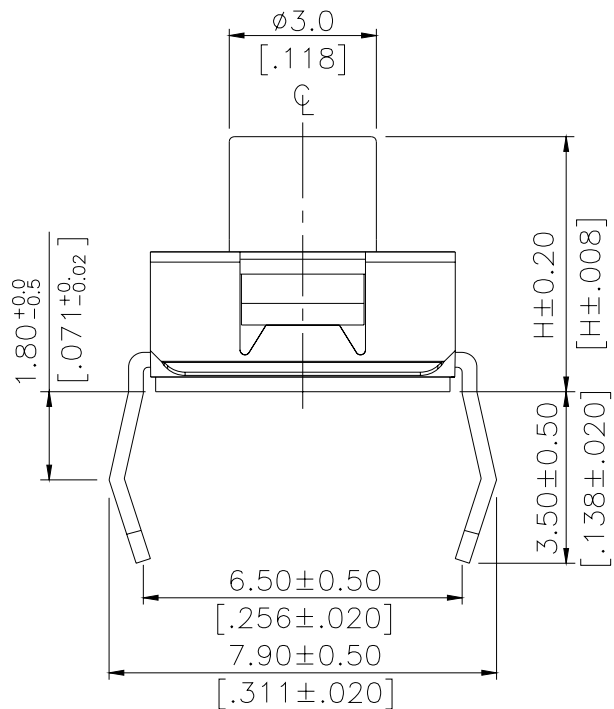
SDTSHW-64.65.67.69



P.C.B. LAYOUT

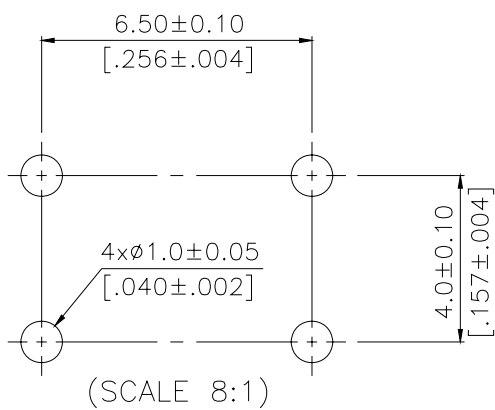
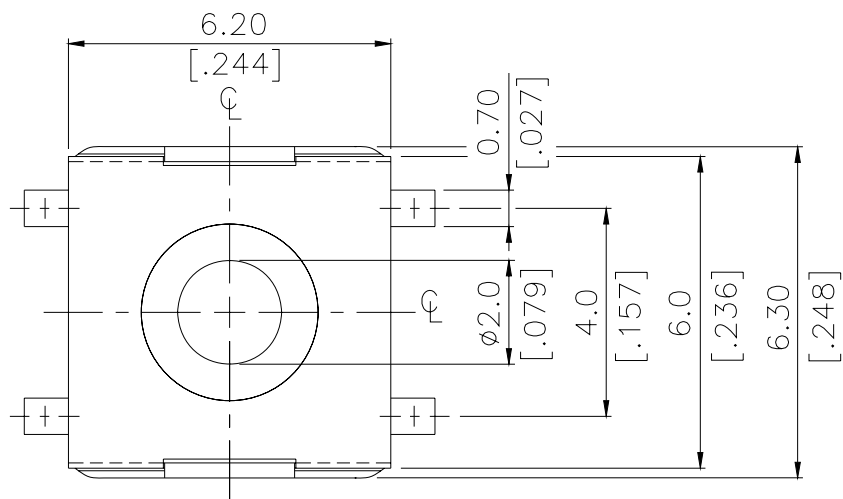


CIRCUIT DIAGRAM

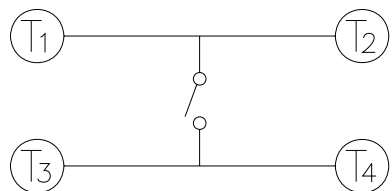


DTSMW-69	3.8mm[.150]
DTSMW-67	5.2mm[.205]
DTSMW-65	3.5mm[.138]
DTSMW-64	4.5mm[.177]
PART NO:	H

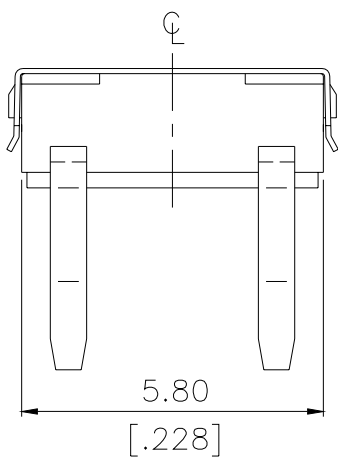
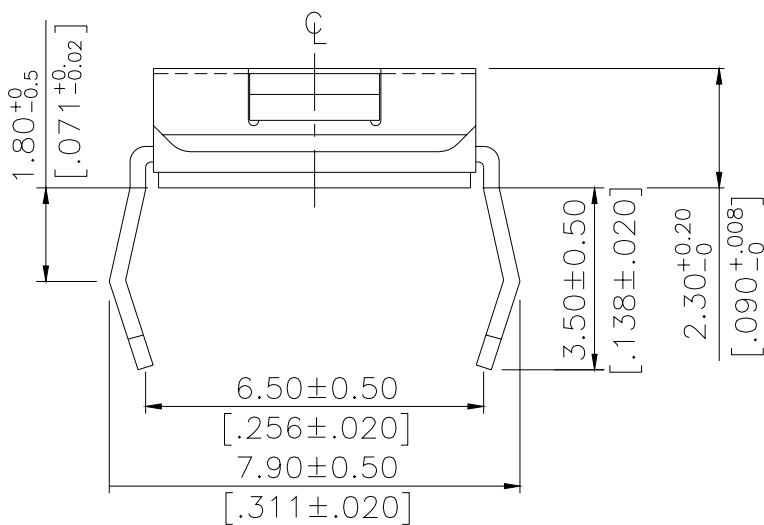
SDTSHW-68



P.C.B. LAYOUT

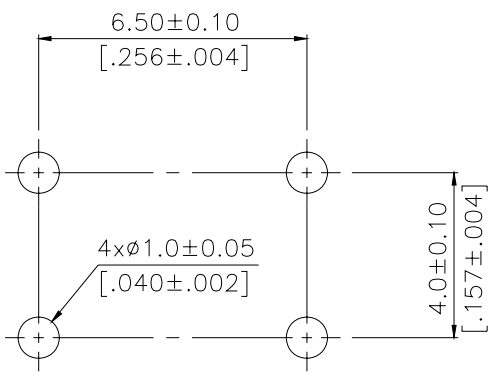
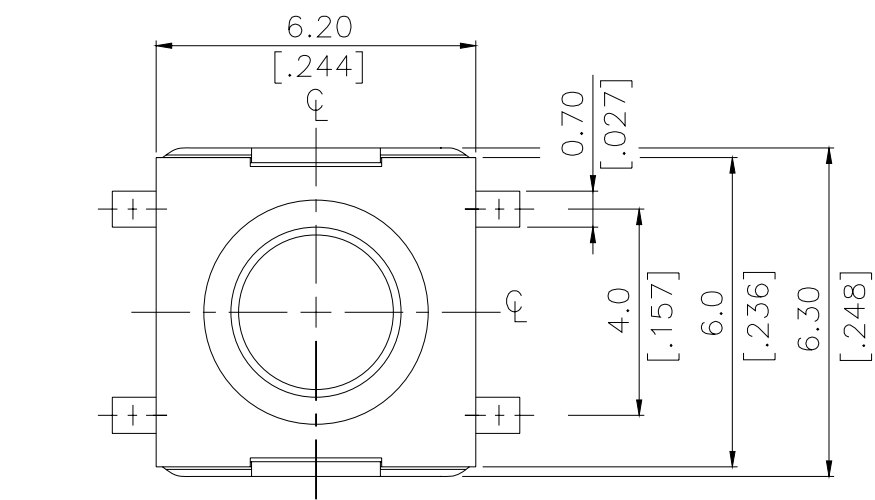


CIRCUIT DIAGRAM



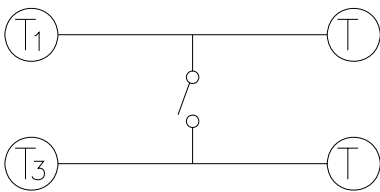
General Tolerance : ±0.2mm

SDTSHW-66

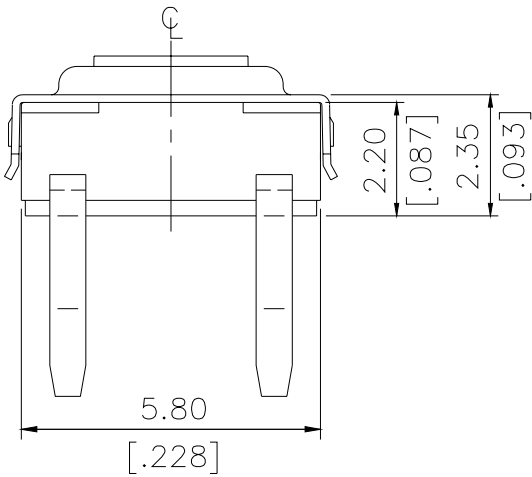
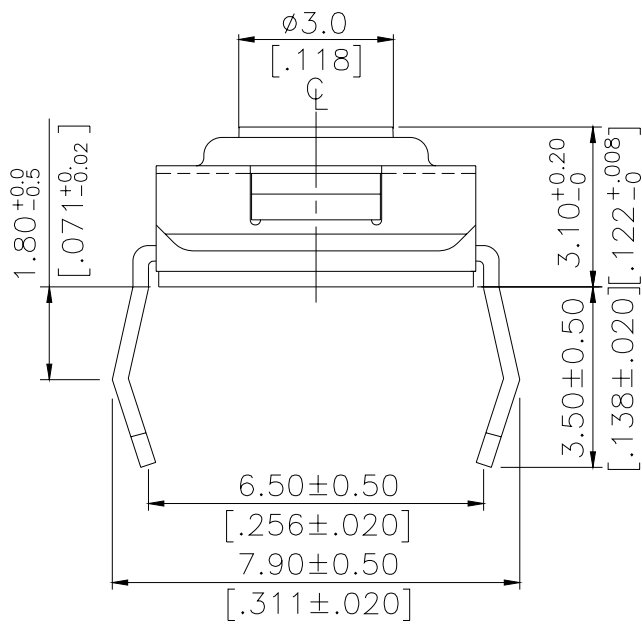


(SCALE 8:1)

P.C.B. LAYOUT

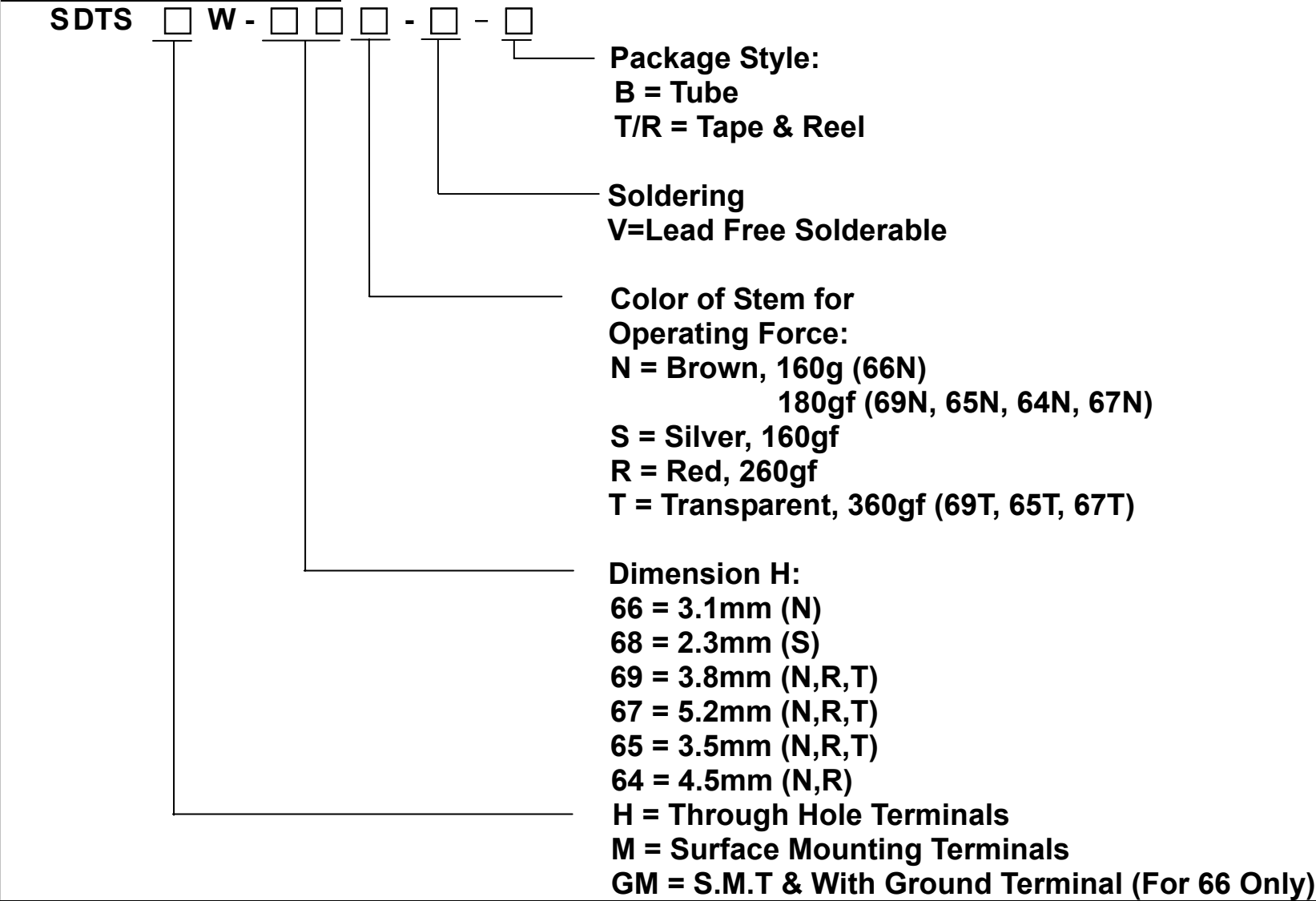


CIRCUIT DIAGRAM



General Tolerance : ±0.2mm

HOW TO ORDER



SPECIFICATION

△MECHANICAL

Operation Force:
360± 90gf, Transparent (T), DTSH(M)W – 69, 67, 65
260± 70gf Red (R), DTSH(M)W – 69,67,65,64
180± 50gf Brown (N), DTS(M)W – 69,67,65,64
160 ± 50gf Brown (N), DTS(M)W – 66, DTSGMW-66
160 ± 50gf Silver (S), DTSH(M)W – 68
Stop Strength: Max 3kgf vertical static load continuously for 15 seconds
Stroke: 0.25 +0.20 / - 0.1 mm 66N, 68S
0.6 ±0.2mm, 69, 67T
0.45 ±0.2mm, 69, 67, 64,65N(R),65T
Operation Temperature: -25℃ to +70℃
Storage Temperature: -30℃ to +80℃

△ELECTRICAL

Electrical Life:
500,000 cycles min. for DTS□W-69, 65N(R)T, 64N(R)
500,000 cycles min. for DTS□W-67N(R)T
100,000 cycles min. for DTS□W-66N,68S, DTSGMW-66N
Rating: 50mA, 12VDC
Contact Resistance: 100mΩ max.
Insulation Resistance: 100MΩ min. at 500VDC
Dielectric Strength: 250VAC/ minute
Contact Arrangement: 1 pole 1 throw

MATERIAL

△COVER: Stainless steel
Nickel Silver (DTSGMW-66)
△TERMINAL: Brass with silver plated
△BASE: UL94V-0 Nylon High-Temp. Thermoplastic
Color: Black

ITEM NO.	DTSGMW-66N DTSHW-66N DTSMW-66N	DTSMW-68S DTSHW-68S	DTS(H)MW-69,65N(R)	DTS(H)MW-67N(R)T
STEM	High-Temp Thermoplastic Nylon UL94V-0 Color : Brown (N),160gf	None	Silicone Rubber	Silicone Rubber
ADHESIV TAPE	TEFLON	TEFLON(standard) KAPTON(V-option)	None	None
METAL STEM	Brass with Nickel plated	Brass with Nickel plated Color: silver(s),160gf	None	None
FILLER	None	None	None	Nylon
CONTACT	Stainless steel			

SOLDERING PROCESS

△WAVE SOLDERING : Recommended solder temperature at 500°F (260℃) max. 5 seconds subject to PCB 1.6mm thickness (soldering for through hole type)

△HAND SOLDERING : Use a soldering iron of 30 watts, controlled at 350℃ approximately 5 seconds while applying solder.

△REFLOW SOLDERING :

△ Temperature Profile:

