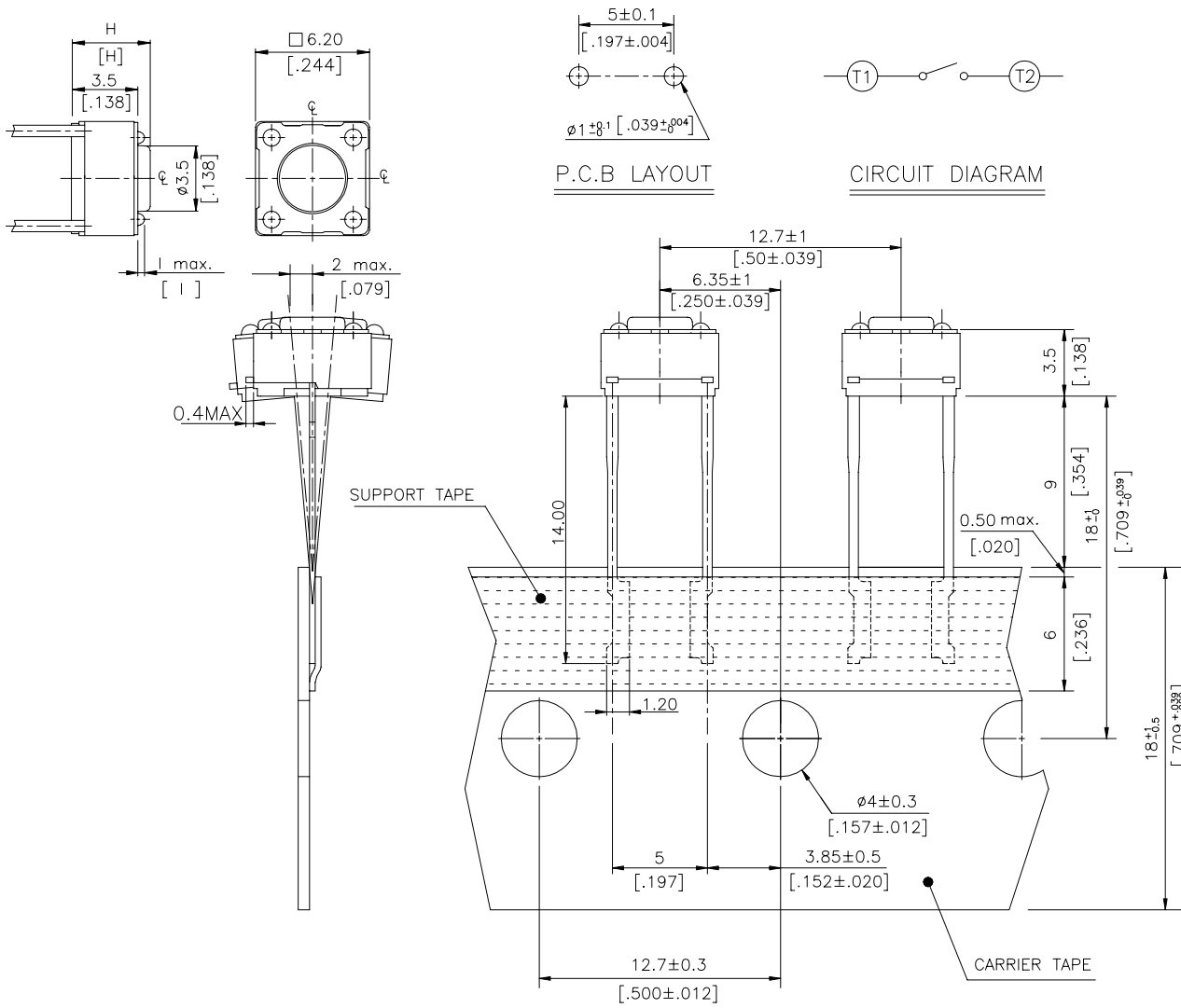


# DTST-6 SERIES



## DIMENSIONS

### DTST-6

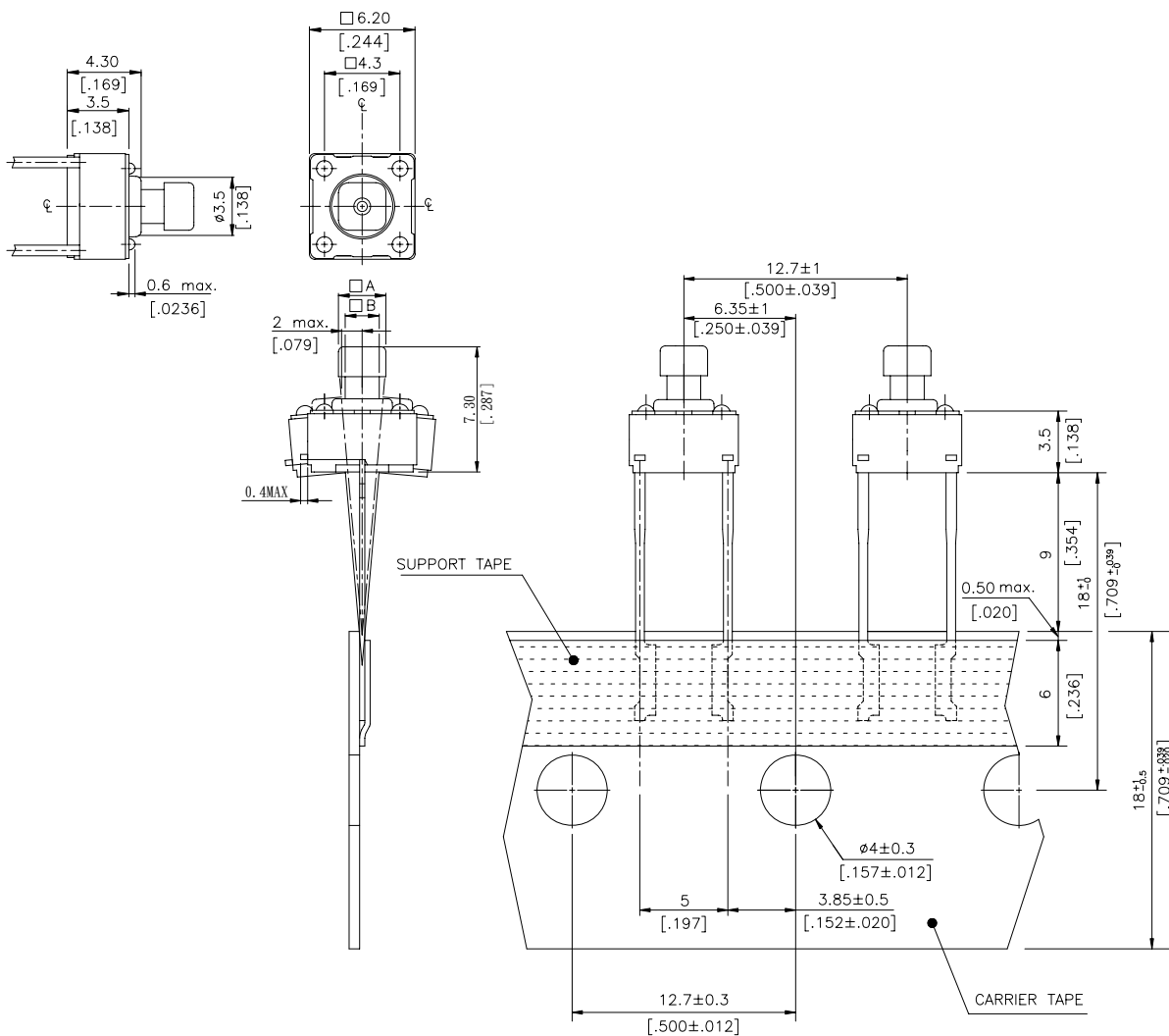


DTST-66□-V	13.0 [.512]
DTST-65□-V	9.5 [.374]
DTST-63□-V	7.0 [.275]
DTST-62□-V	5.0 [.197]
DTST-61□-V	4.3 [.169]
PROD. NO.	H

DTST-62~66□-V	0.6 MAX	.0236 MAX
DTST-61□-V	0.5 MAX	.0197 MAX
PROD. NO.	I	INCHES.

**\*\*GENERAL TOLERANCES MAX:±0.2mm.\*\***

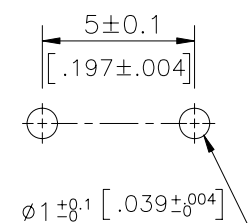
### DTST-64(8)



DTST-644-V	□A	2.4	.095
	□B	1.6	.063
DTST-648-V	□A	2.8	.11
	□B	2.0	.079
PROD. NO.	LOC.	MM.	INCH.



**CIRCUIT DIAGRAM**



**P.C.B. LAYOUT**

**\*\*GENERAL TOLERANCES MAX:±0.2mm.\*\***

## HOW TO ORDER

DTST - 6 □ □ □ - □

Soldering  
V=Lead Free Solderable

Color of Stem For Operating Force:

K = Black, 100gf  
N = Brown, 160gf  
R = Red, 260gf  
S = Salmon, 320gf  
Y = Yellow, 520gf

Dimension H:

1 = 4.3mm  
2 = 5.0mm  
3 = 7.0mm  
44 = 7.3mm (SQ.) x 2.4mm  
48 = 7.3mm (SQ.) x 2.8mm  
5 = 9.5mm  
6 = 13mm

Radial Taping Type Tactile Switch

## 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: -25°C to +70°C

Storage Temperature: -30°C to +80°C

### △ELECTRICAL

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: 100MΩ min. at 500VDC

Dielectric Strength: 250VAC/ minute

Contact Arrangement: 1 pole 1 throw

## MATERIAL

△COVER: Steel

△BASE: UL94V-0 Nylon Thermoplastic.  
Color: Black

△STEM: UL94V-0 Nylon Thermoplastic

Color: Black (100gf), Brown (160gf)  
Red (260gf), Salmon (320gf), Yellow (520gf)

△CONTACT DISC: Phosphor bronze with silver cladding

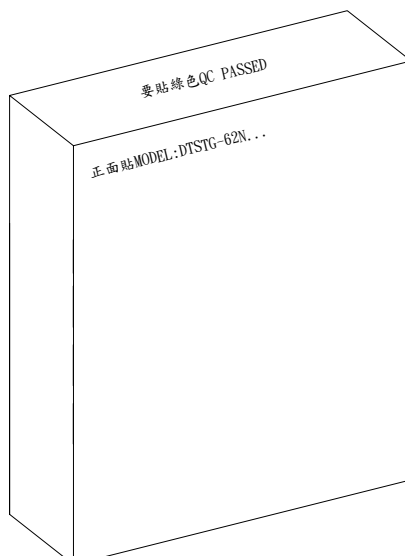
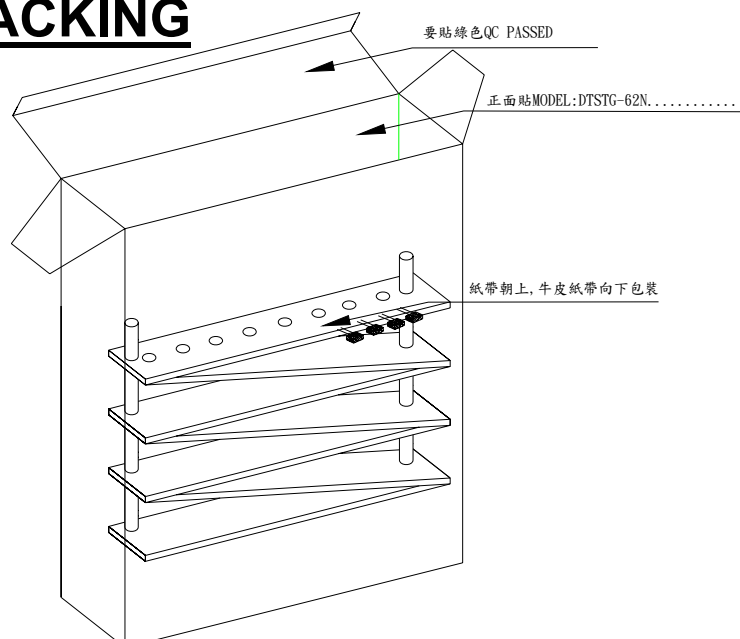
△TERMINAL: Brass with silver Plated

## SOLDERING PROCESS

△WAVE SOLDERING : Recommended solder temperature at 500°F(260°C) max. 5 seconds.

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

## PACKING



Part Number	Number Per Box	
DTST-6	900	