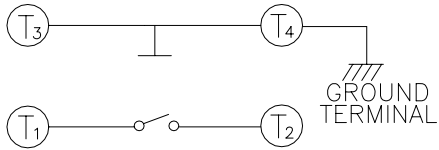
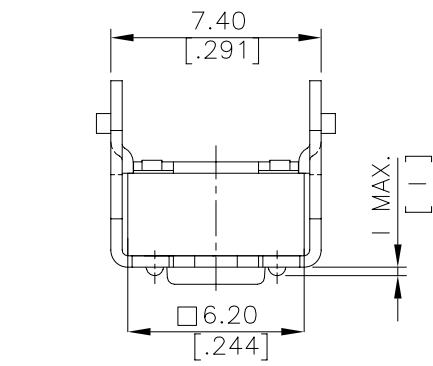




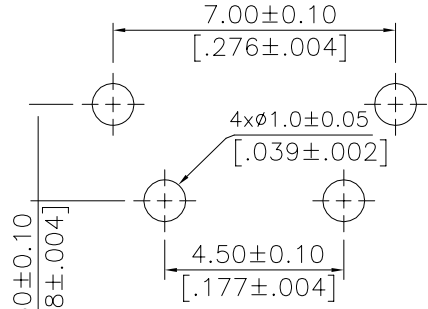
DTSA-6,DTSG-6(2) SERIES

DIMENSIONS

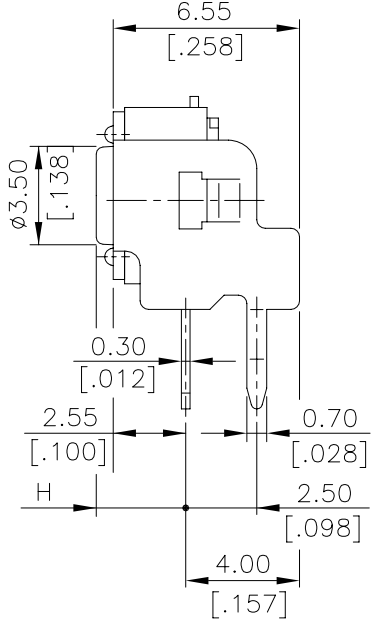
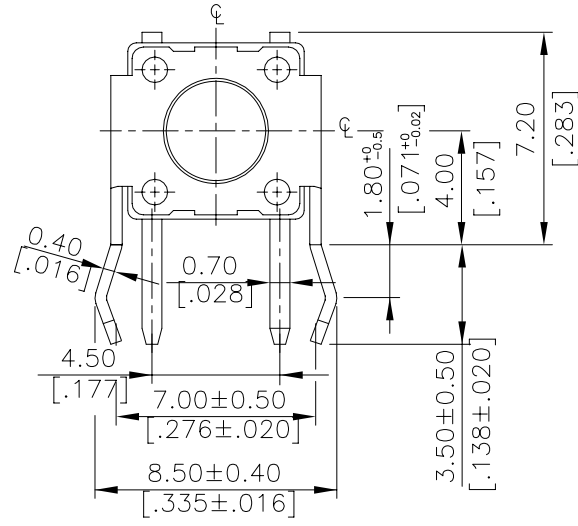
DTSA-6



CIRCUIT DIAGRAM



P.C.B. LAYOUT

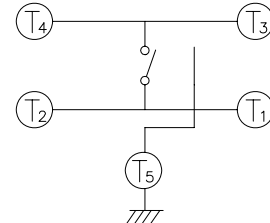
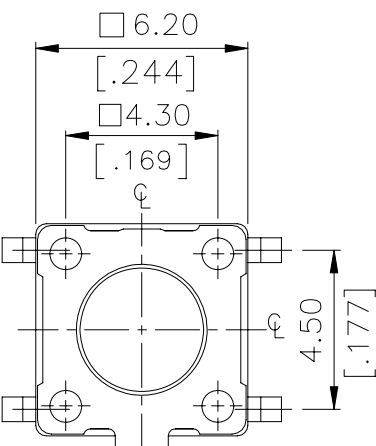


DTSA-62~66 □ -V	0.4 MAX	.016 MAX
DTSA-61 □ -V	0.3 MAX	.012 MAX
PROD.	NO.	I
		INCHES.

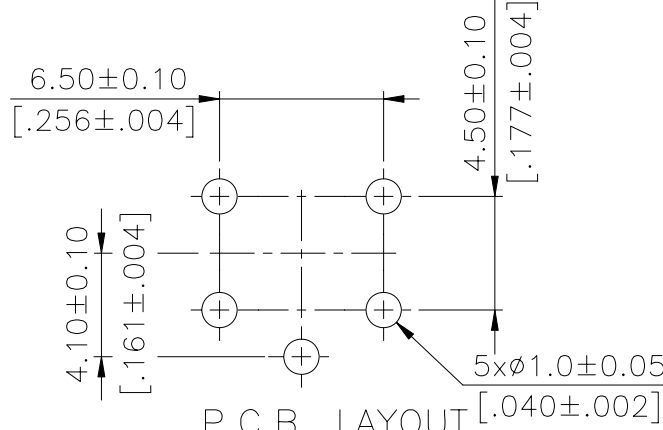
DTSA-66□ -V	11.85[.467]	
DTSA-65□ -V	8.35[.329]	
DTSA-63□ -V	5.85[.230]	
DTSA-62□ -V	3.85[.152]	
DTSA-61□ -V	3.15[.124]	
PROD.	NO.	H

General Tolerance : ±0.2mm

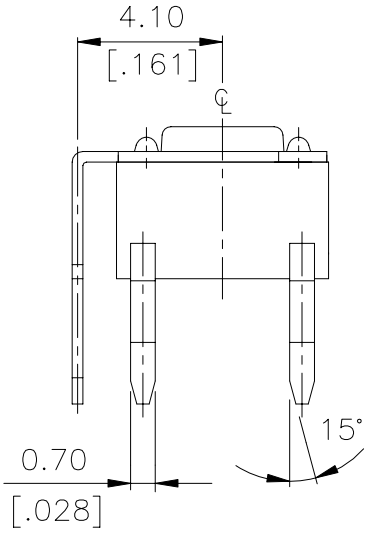
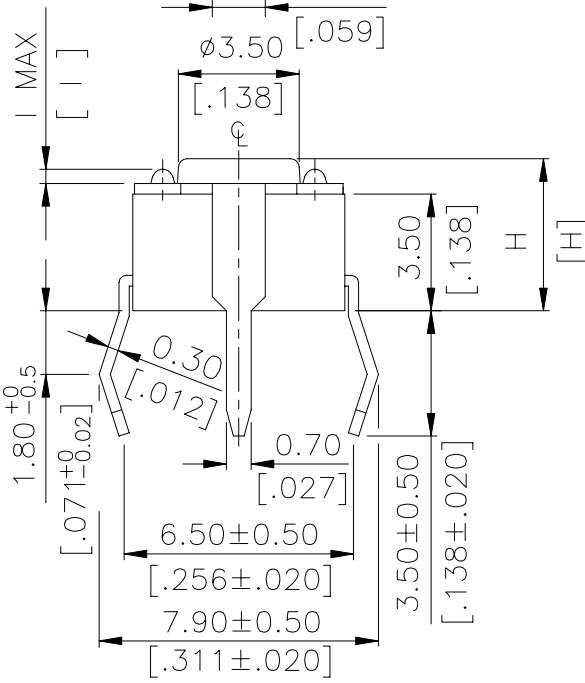
DTSG-6



CIRCUIT DIAGRAM



P.C.B. LAYOUT

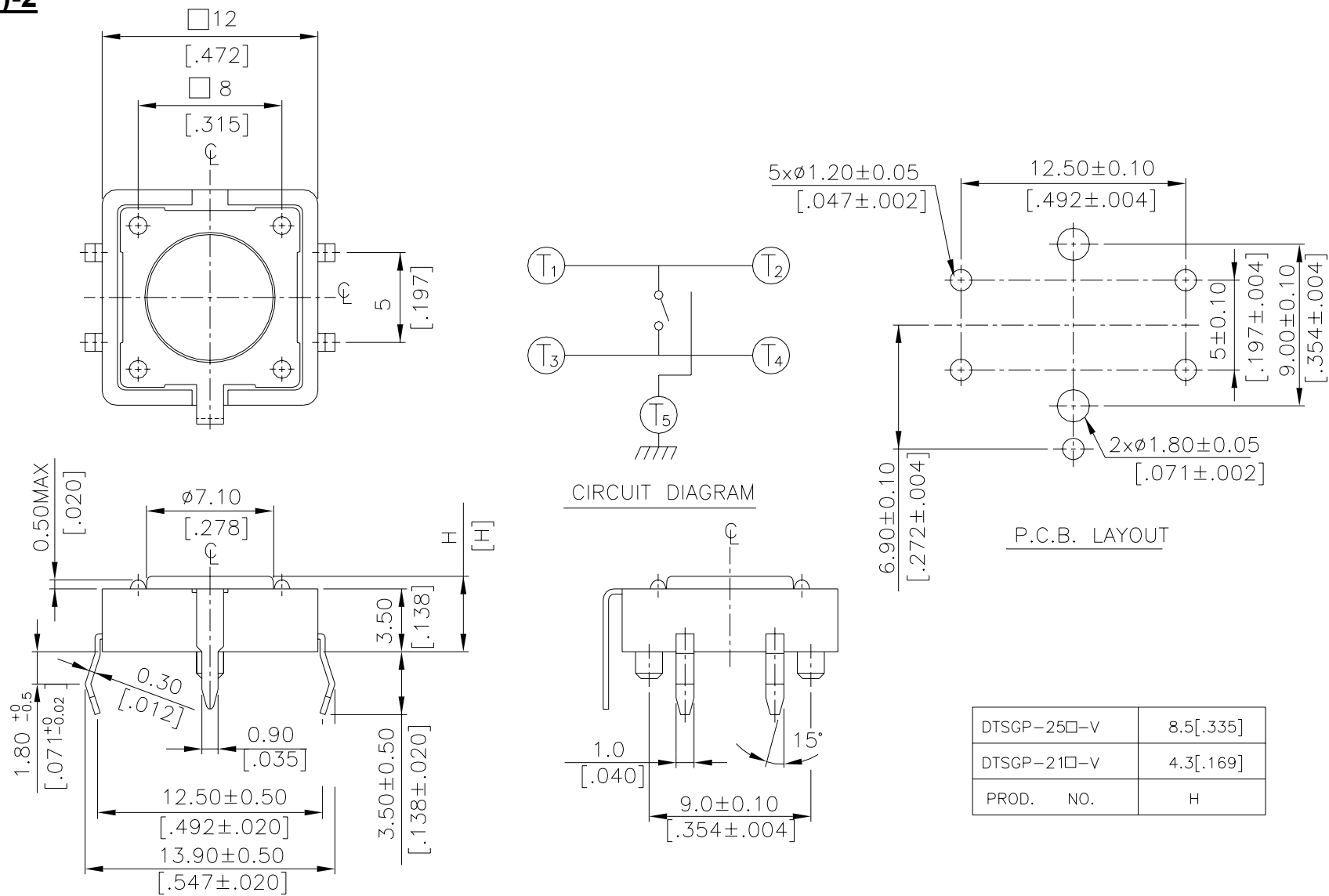


DTSG-62~66 □ -V	0.5 MAX	.0196 MAX
DTSG-61 □ -V	0.4 MAX	.016 MAX
PROD.	NO.	I
		INCHES.

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

General Tolerance : ±0.2mm

DTSG(P)-2



General Tolerance : ±0.2mm

HOW TO ORDER

DTS □ □ - □ □ □ - □ - □

Soldering
V=Lead Free Solderable
□=Dome Phosphor bronze
(*S = Dome Stainless steel
(*12x12 K、S、Y Unavailable)

Cover of Stem For Operatin Force:
▲K = Black, 100gf
N = Brown, 160gf
R = Red, 260gf
S = Salmon, 320gf
▲Y = Yellow, 520gf
<▲12x12, K,Y Unavailable>

Dimension H:

Code	DTSA-6	DTSG-6	DTSG(P)-2
1	3.15mm	4.3mm	4.3mm
2	3.85mm	5.0mm	7.3mm (SQ.)X3.8mm
3	5.85mm	7.0mm	8.5mm
▲(SQ.)x2.4mm	44 = 6.15mm	7.3mm	
(SQ.)X2.8mm	48 = 6.15mm	7.3mm	
5	8.35mm	9.5mm	
6	11.85mm	13.0mm	

Prod. Size:

6 = 6 x 6 mm
2 = 12 x 12 mm (12x12 only for DTSG)

□ = None Post
P = With Post (For 12x12mm only)

DTSA = Right Angle Type Tactile Switch
DTSG = With Ground Terminal Type Tactile Switch

SPECIFICATION

△MECHANICAL

520 ± 130gf Yellow (Y)
320 ± 80gf Salmon (S)
Operation Force: 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 + 0.2 mm / - 0.1mm
(12x12) 0.35 ± 0.10 mm
Operation Temperature: -25℃ to +70℃
Storage Temperature: -30℃ to +80℃

△ELECTRICAL

Electrical Life: (6X6)
300,000 cycles for 320gf, 520gf
500,000 cycles for 260gf
1,000,000 cycles for 100gf, 160gf
Electrical Life: (12X12) Dome Phosphor bronze
100,000 cycles for 320gf
100,000 cycles for 260gf
200,000 cycles for 160gf
Rating: 50mA , 12VDC
Contact Resistance: 100mΩ max.
Insulation Resistance: 100MΩ min. at 500VDC
Dielectric Strength: 250VAC/ minute
Contact Arrangement: SPST

MATERIAL

△COVER: Steel, Tin plated
△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
(Standard)
Stainless Steel(V-Option)
△TERMINAL: Brass with silver plated

(12x12) Dome Stainless Steel
Electrical Life: 500,000 cycles for 260gf
1,000,000 cycles for 160gf

SOLDERING PROCESS

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

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

PACKING

Part Number	Number Per Bag	
DTSA-6	500	
DTSG-6	1000	
DTSG-2	500	