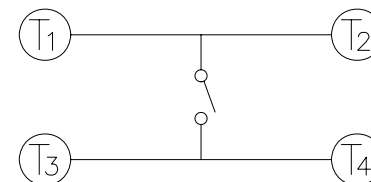
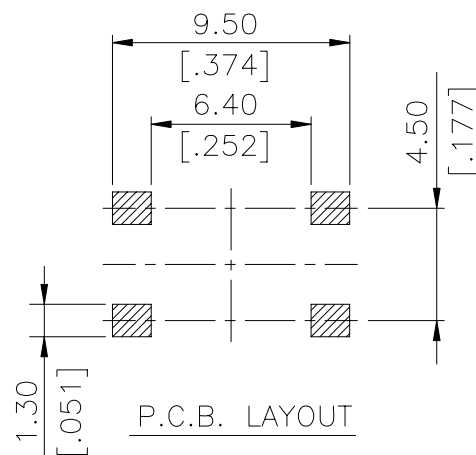
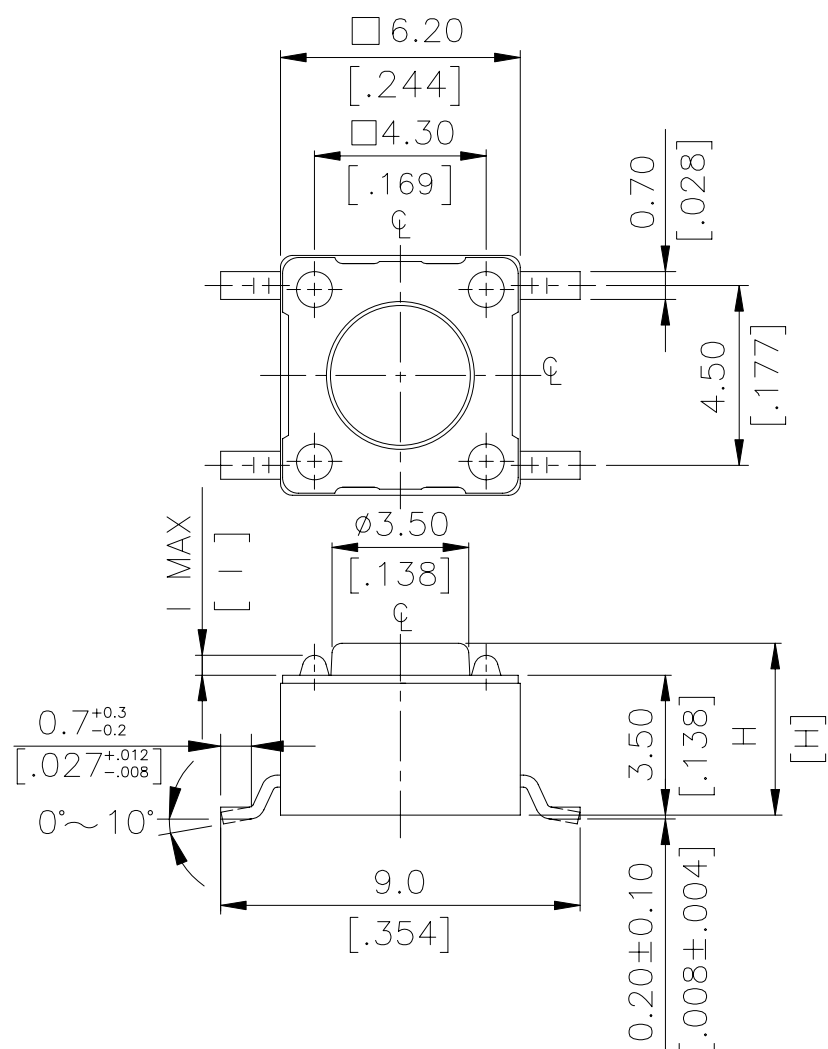


DTSM(G)-6(2) SERIES

DIMENSIONS

DTSM-6



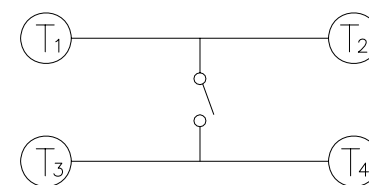
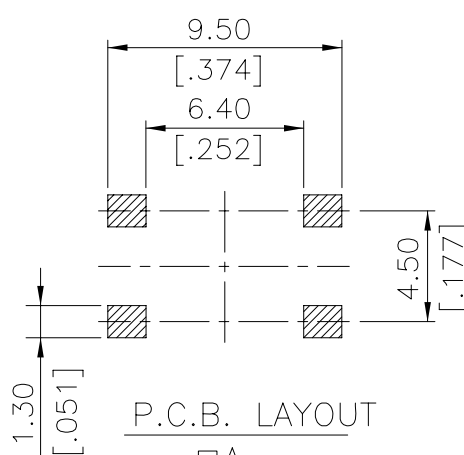
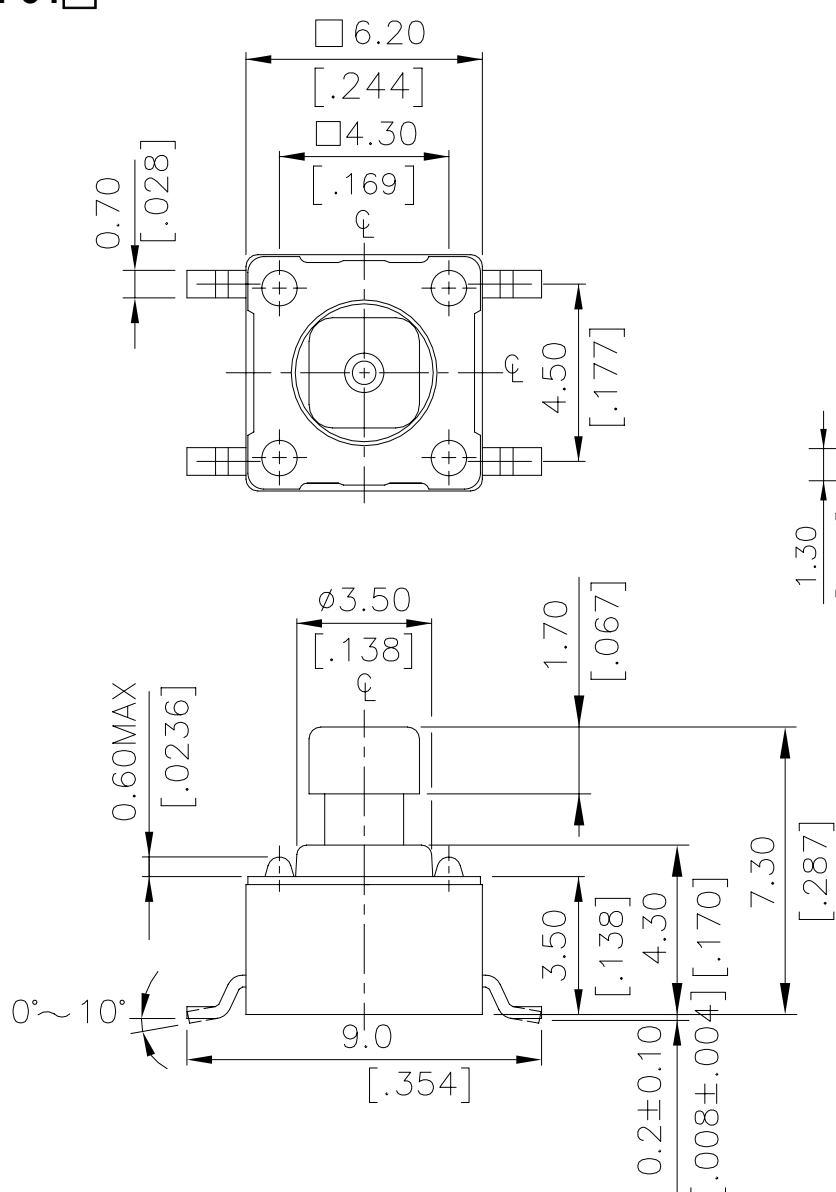
CIRCUIT DIAGRAM

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

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

General Tolerance : ±0.2mm

DTSM-64 □



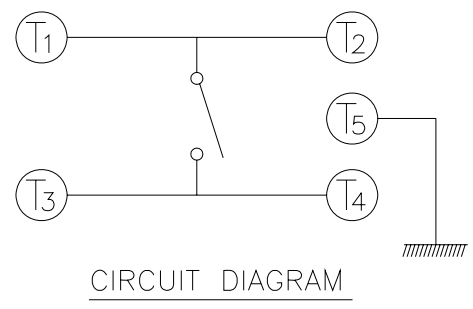
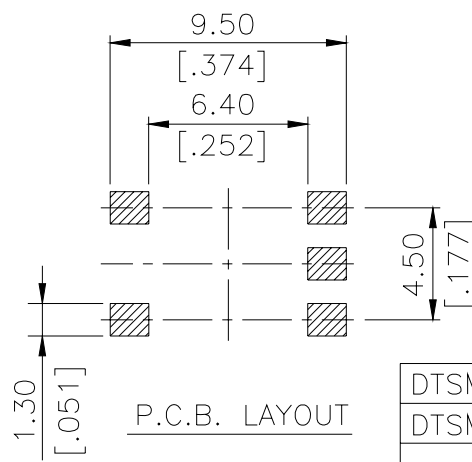
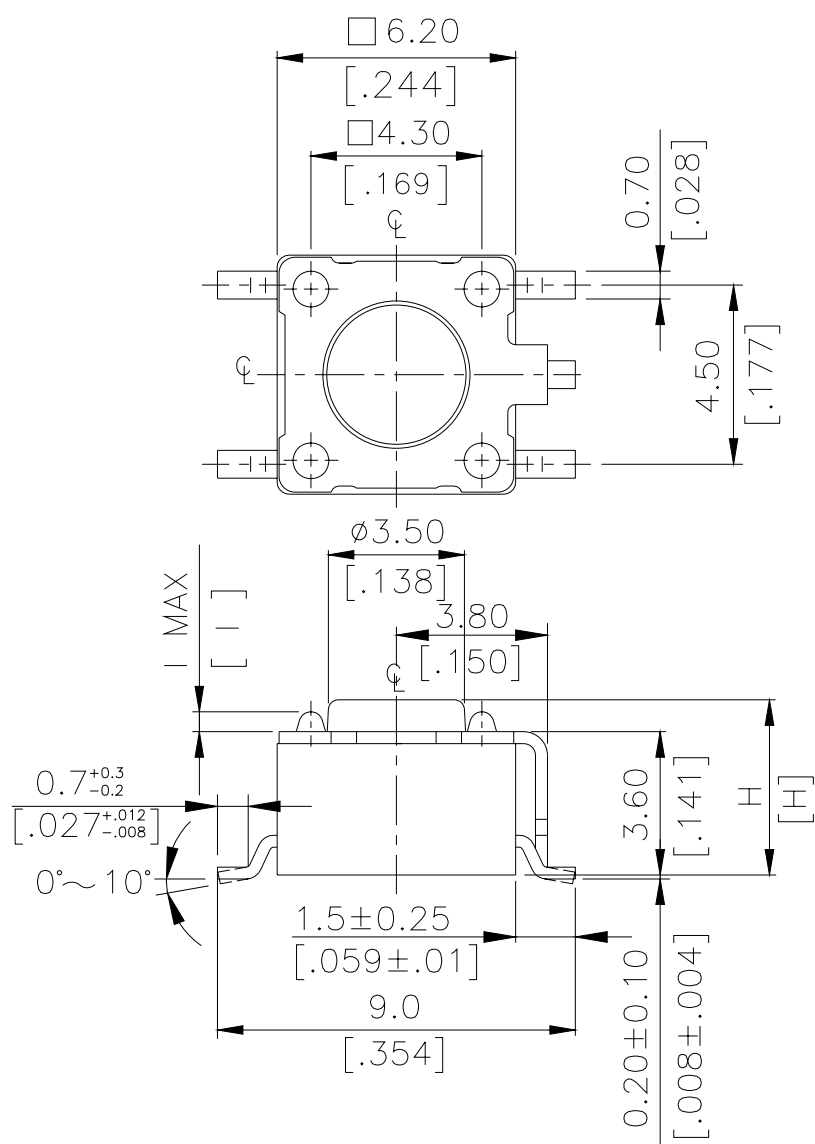
CIRCUIT DIAGRAM

DTSM-644 □ -V	□A	2.4	[.095]
	□B	1.6	[.063]
DTSM-648 □ -V	□A	2.8	[.110]
	□B	2.0	[.079]
PROD. NO.	LOC.	MM.	INCH.

DIMENSION

General Tolerance : ±0.2mm

DTSMG-6

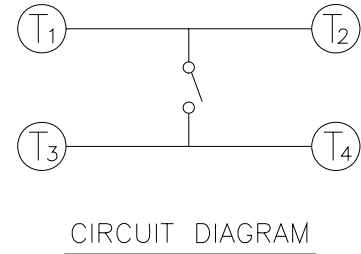
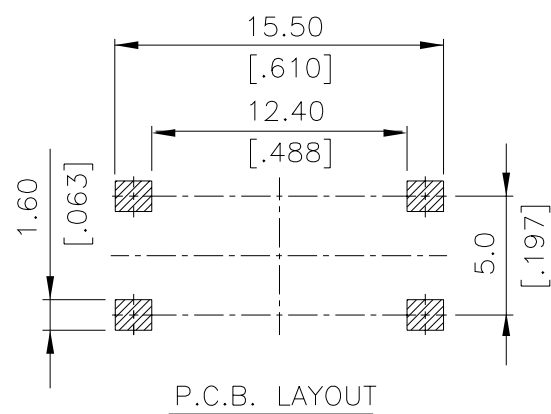
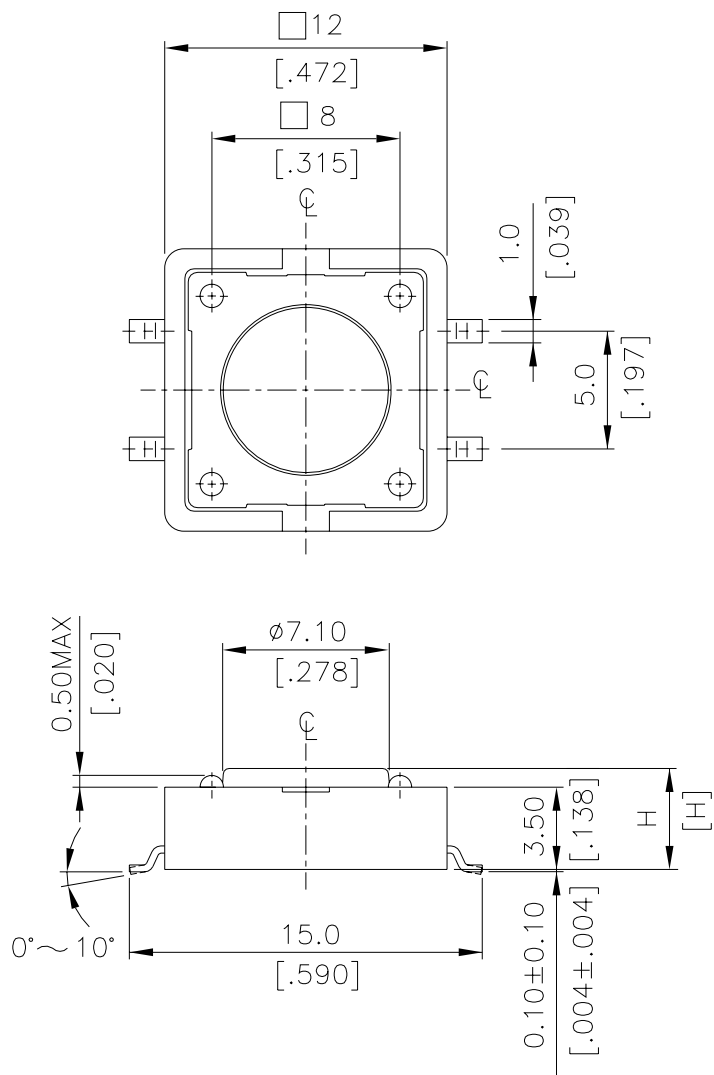


DTSMG-62~66□-V	0.5 MAX	.02MAX
DTSMG-61□-V	0.4 MAX	.016MAX
PROD. NO.	I	INCHES.

DTSMG- 6 6□ -V	13.0 [.512]
DTSMG- 6 5□ -V	9.5 [.374]
DTSMG- 6 3□ -V	7.0 [.275]
DTSMG- 6 2□ -V	5.0 [.197]
DTSMG- 6 1□ -V	4.3 [.169]
PROD. NO.	H

General Tolerance : ±0.2mm

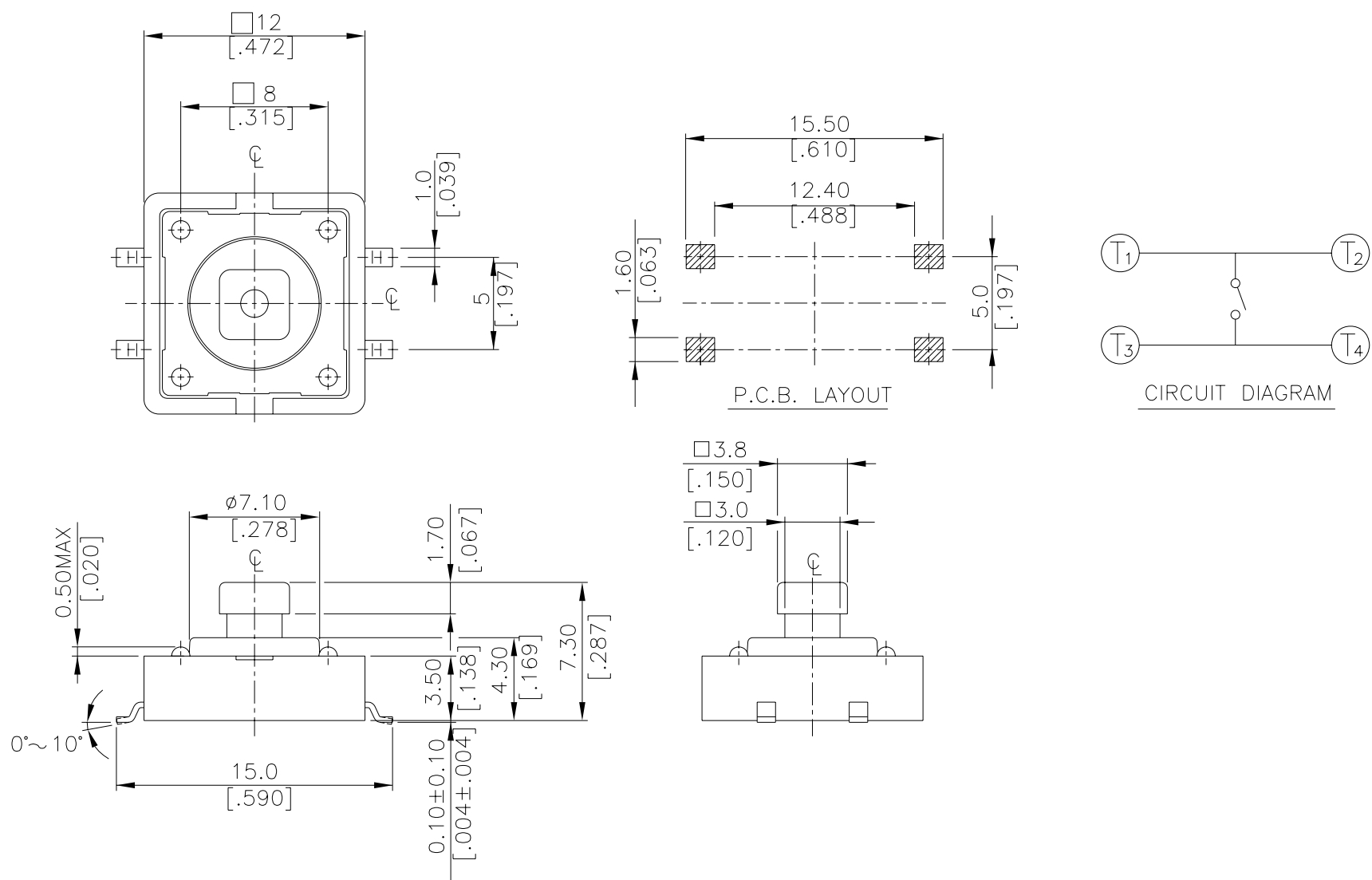
DTSM-2



DTSM-25	8.5[.335]
DTSM-21	4.6[.169]
PART NO	H

General Tolerance : ±0.2mm

DTSM-24

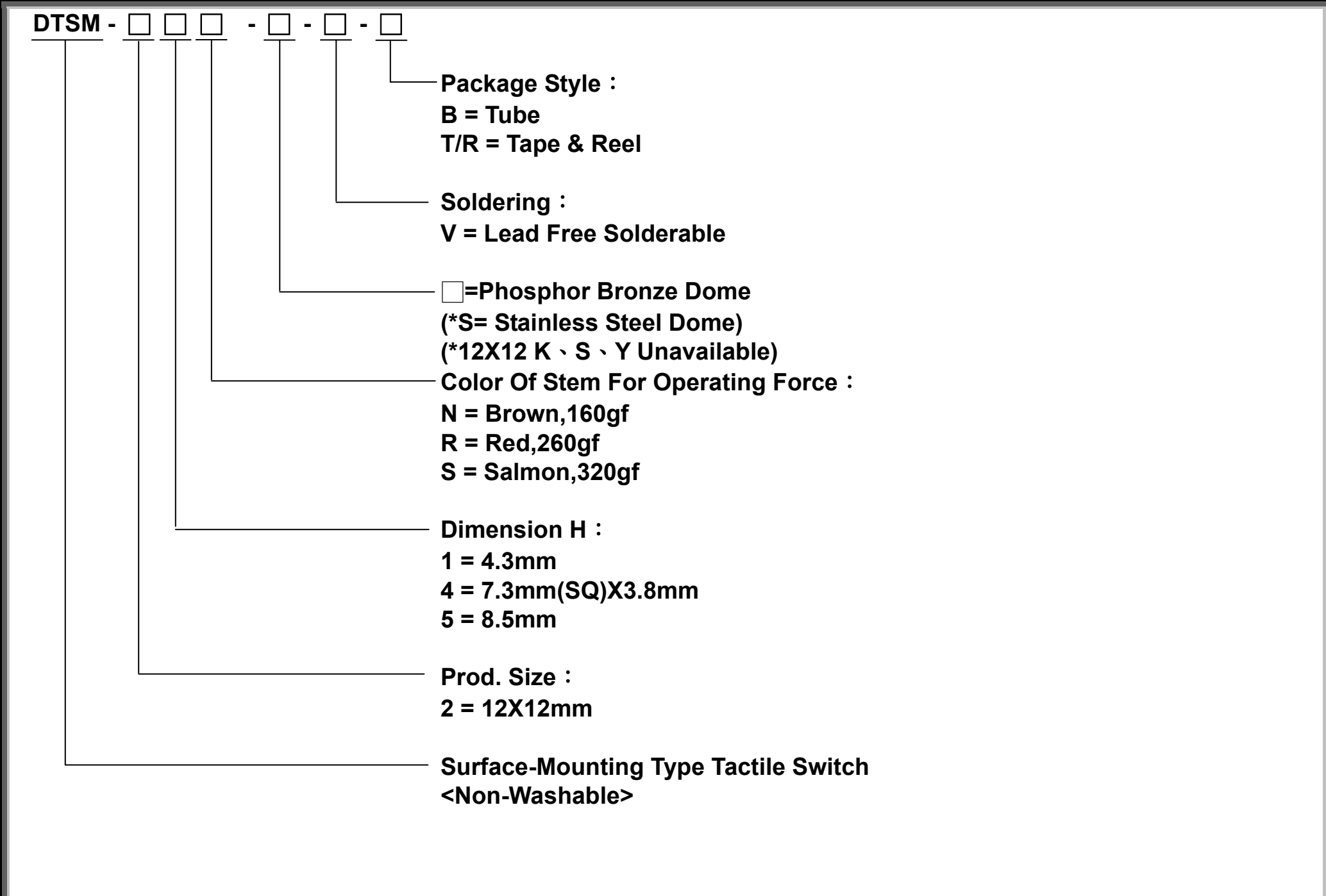


General Tolerance : ±0.2mm

HOW TO ORDER

DTSM □ - □ □ □ □ - □ - □

- Package style :
B=Tube
T/R=Tape&Reel <▲ Except DTSM-66>
- Soldering :
V=Lead Free Solderable
- =Phosphor Bronze Dome
S= Stainless Steel Dome
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)X2.4mm
48=7.3mm(SQ)X2.8mm
5=9.5mm
6=13mm
- Prod Size :
6=6X6mm
- =Without Ground Terminal
G=With Ground Terminal
- Surface-Mourting Type Tactile Switch
(Non-Washable)



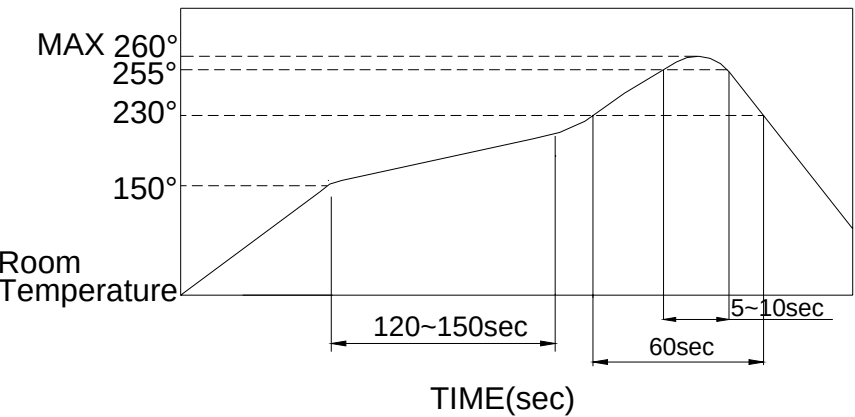
<u>SPECIFICATION</u>		<u>MATERIAL</u>	
△MECHANICAL		△COVER: Stainless Steel(for DTSM-6、2) Nickel Silver (for DTSMG-6)	
Operation Force:	520 ± 130gf	Yellow (Y)	
	320 ± 80gf	Salmon (S)	
	260 ± 50gf	Red (R)	
	160 ± 50gf	Brown (N)	
	100 ± 50gf	Black (K)	
Stroke: (6x6) 0.25 +0.2mm / -0.1mm (12X12) 0.35 ±0.1mm		△BASE: UL94V-0 Nylon High-Temp. Thermoplastic Color: Black (Standard) Color: Brown (V option)	
Operation Temperature: -25℃ to +70℃		△STEM: UL94V-0 Nylon High-Temp. Thermoplastic Color: Black (100gf), Brown (160gf) Red (260gf), Salmon (320gf) Yellow (520gf)	
Storage Temperature: -30℃ to +80℃		△CONTACT DISC: Phosphor Bronze with silver cladding (Standard) Stainless Steel(V option)	
△ELECTRICAL(6x6)		△TERMINAL: Brass with silver plated	
Electrical Life: 1,000,000 cycles for 320gf, 520gf 500,000 cycles for 260gf 300,000 cycles for 100gf, 160gf (Phosphor bronze)			
ELECTRICAL (12X12)			
Electrical Life: 100,000 cycles for 320gf 100,000 cycles for 260gf 200,000 cycles for 160gf (Stainless Steel)			
Electrical Life: 500,000 cycles for 260gf 1,000,000 cycles for 160gf			
Rating: 50mA , 12VDC			
Contact Resistance: 100mΩ max.			
Insulation Resistance: 100MΩ min. at 500VDC			
Dielectric Strength: 250VAC/ minute			
Contact Arrangement: SPST			

SOLDERING PROCESS

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

△REFLOW SOLDERING : When applying reflow soldering, the peak temperature or the reflow oven should be set to 260℃ max.

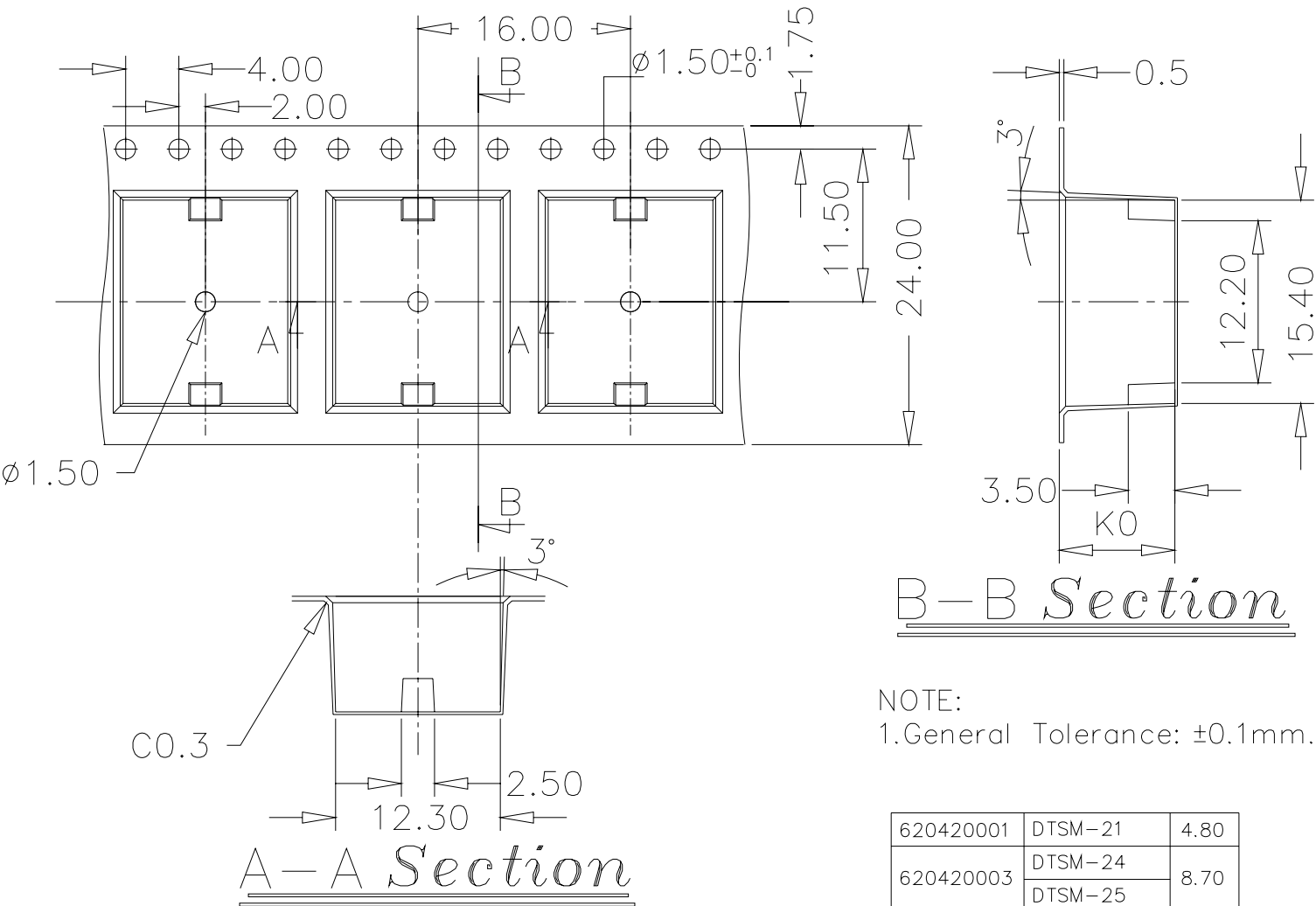
△ Temperature Profile:



PACKING

Part Number	Number Per Tube	Number Per Reel
DTSM-61	77	1000
DTSMG-61	-	1000
DTSM-62	77	900
DTSMG-62	-	1000
DTSM-63	77	700
DTSMG-63	-	500
DTSM-644(8)	77	500
DTSMG-644(8)	-	500
DTSM-65	77	380
DTSMG-65	-	380
DTSM-66	77	-
DTS(M)-21	40	700
DTS(M)-24	40	500
DTS(M)-25	40	400

DTSM-2 REEL

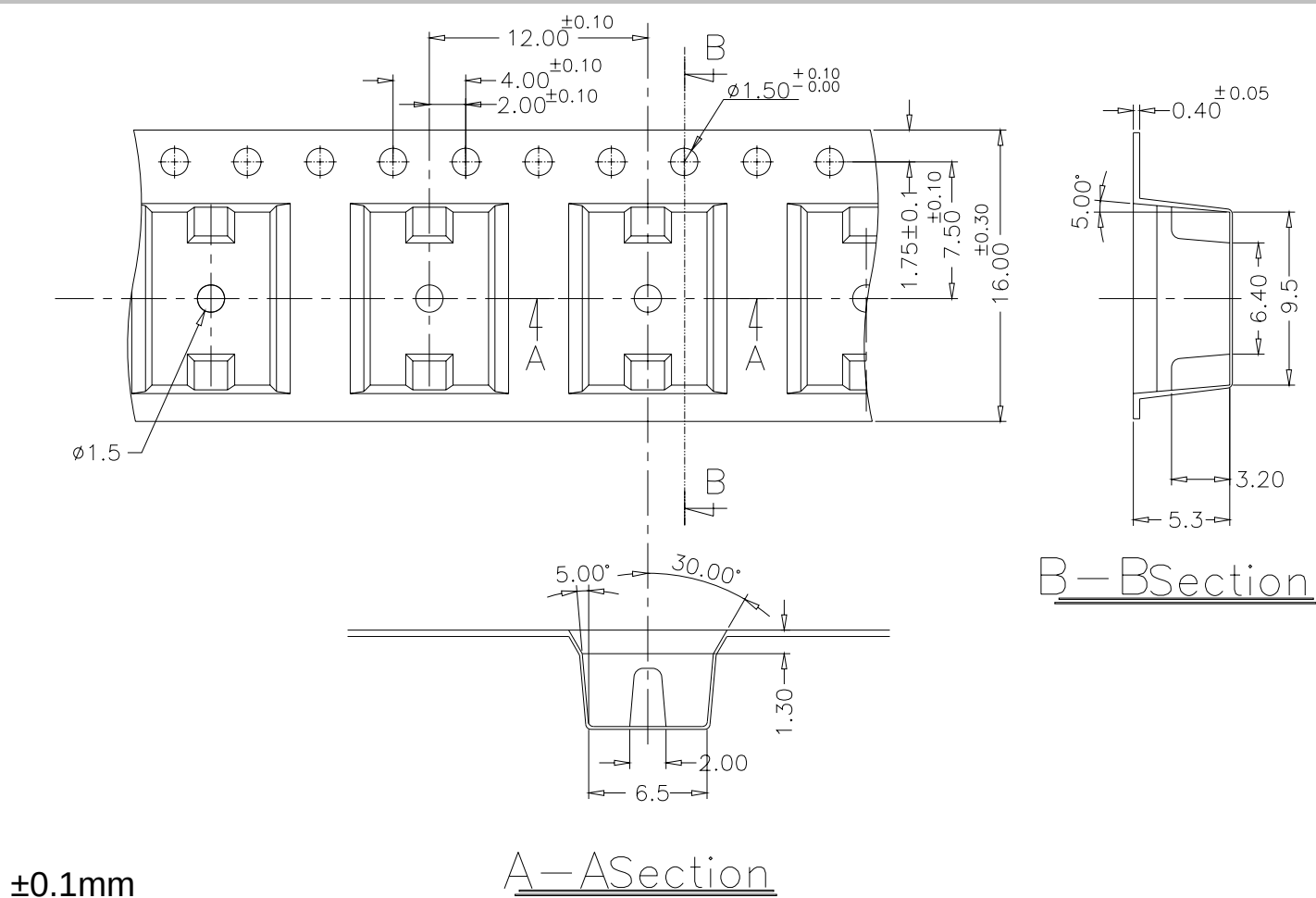


NOTE:
1.General Tolerance: ±0.1mm.

620420001	DTSM-21	4.80
620420003	DTSM-24	8.70
	DTSM-25	
PART NO:	PART NAME:	K0

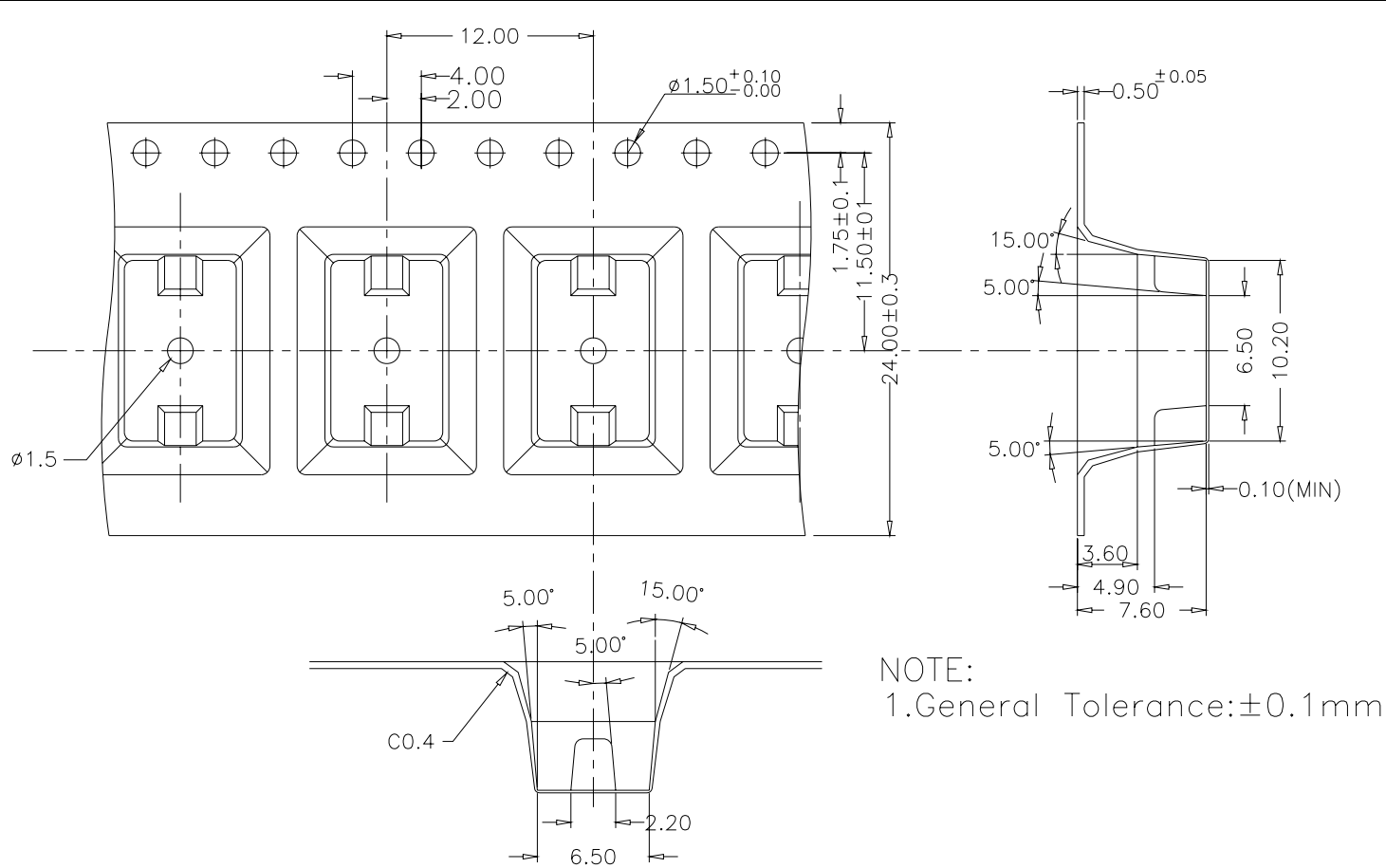
General Tolerance : ±0.1mm

DTSM-61.62 REEL

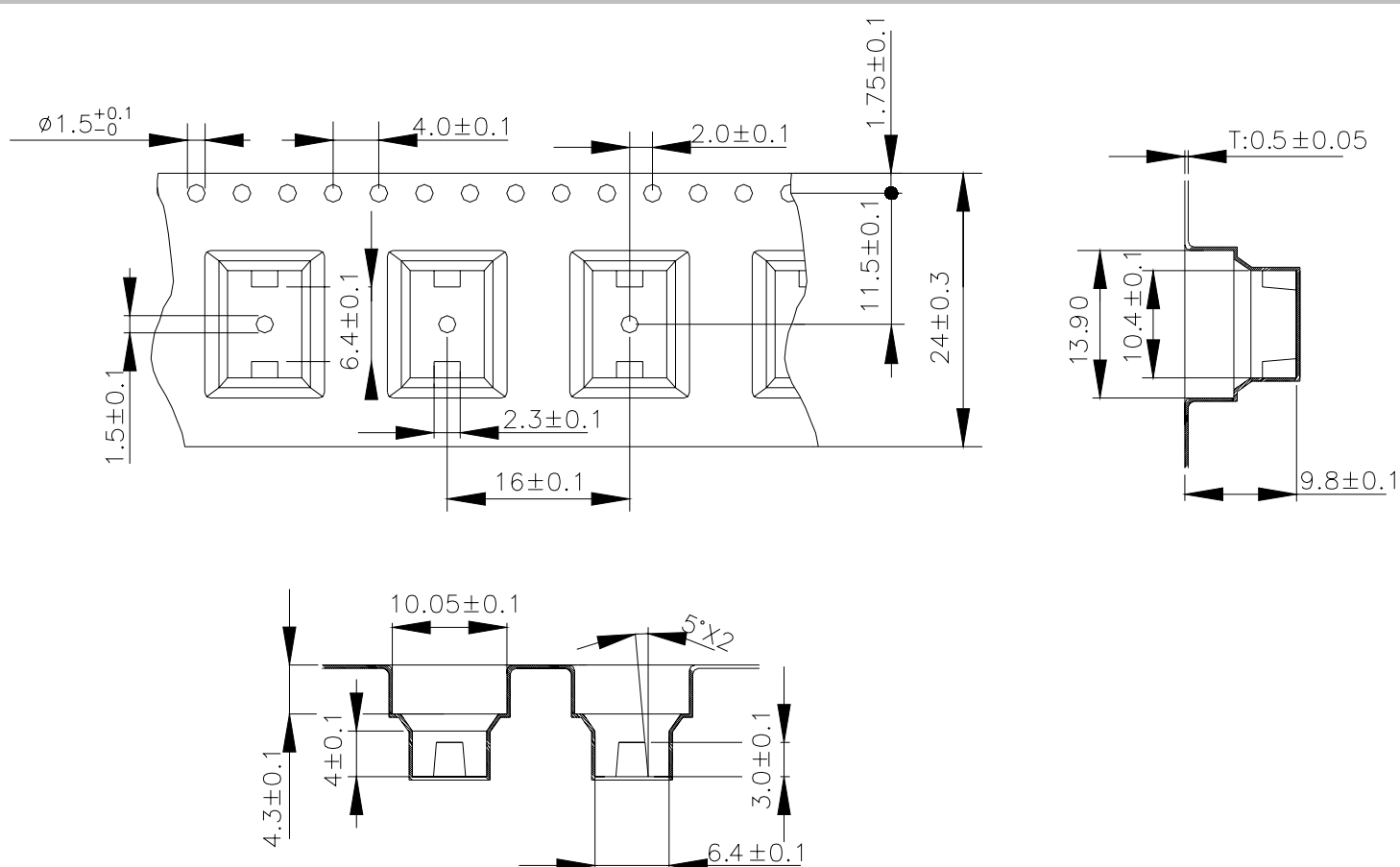


General Tolerance : $\pm 0.1\text{mm}$

DTSM-64 REEL



DTSM-65 REEL



General Tolerance : $\pm 0.1\text{mm}$

[illegible]

DTSMG-65	6.50	9.50	9.75	24.0	11.50
DTSMG-63.64	6.50	9.50	7.40	24.0	
DTSMG-61.62	6.50	9.50	5.30	16.0	
PART NAME:	A0	B0	K0	W	A

General Tolerance : $\pm 0.1\text{mm}$

Technical drawing of a mechanical part, showing front and side views with dimensions.

Front View (Left):

- Overall width: 9.60
- Overall height: 5.5
- Top flange width: 6.5
- Top flange thickness: 1.4 (+0.2, -0.1)
- Internal width: 6.00
- Bottom flange thickness: 0.65

Side View (Right):

- Overall width: 8.50 ± 2.0
- Overall height: 9.0
- Top flange thickness: 3.0
- Internal width: 2.0
- Bottom flange thickness: 6.0

General Tolerance : $\pm 0.2\text{mm}$

Technical drawing of a mechanical part, showing two views: a front view (left) and a top view (right).

Front View (Left):

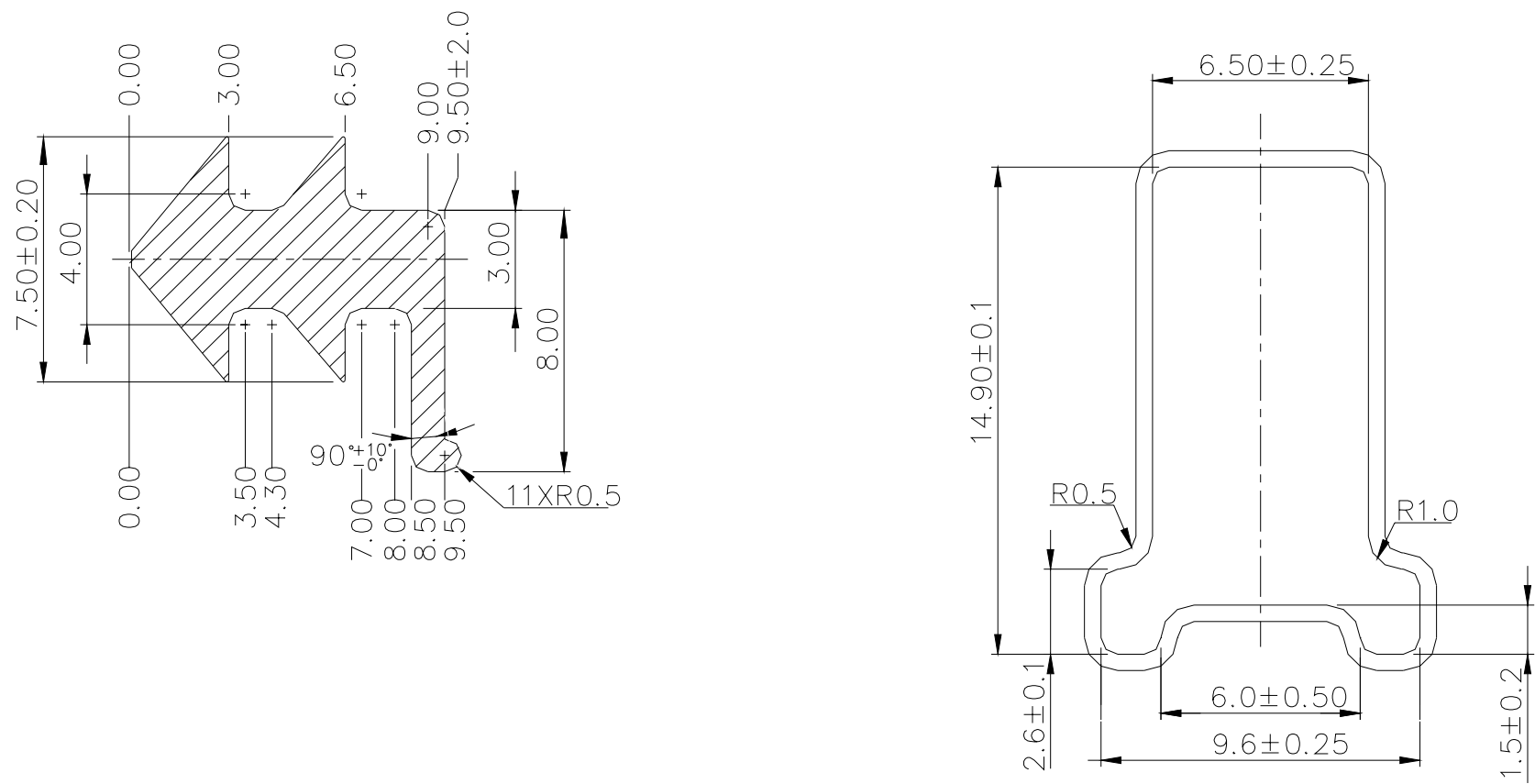
- Overall width: 6.50 ± 0.20
- Overall height: 6.00
- Top edge features:
 - Leftmost point: 0.00
 - First step: 3.00
 - Second step: 0.00
 - Third step: 2.00
 - Fourth step: 5.50
- Bottom edge features:
 - Leftmost point: 0.00
 - First step: 2.50
 - Second step: 3.30
 - Third step: 6.00
 - Fourth step: 7.00
 - Fifth step: 7.50
 - Sixth step: 8.50
 - Seventh step: 8.50 ± 2.0
- Internal features:
 - Central hole: 90^{+10}_{-0}
 - Bottom right corner: $11XR0.5$
 - Bottom edge: 2.00

Top View (Right):

- Overall width: 10.60 ± 0.15
- Overall height: 10.40 ± 0.3
- Top edge features:
 - Leftmost point: $7.50^{+0.3}_{-0}$
 - Second point: 6.50 ± 0.15
- Bottom edge features:
 - Leftmost point: $1.80^{+0.3}_{-0}$
 - Second point: 6.0 ± 0.50
 - Third point: 7.90 ± 0.15
 - Rightmost point: $2.0^{+0.3}_{-0}$
- Internal features:
 - Top right corner: $R0.5$
 - Bottom right corner: $R1.0$

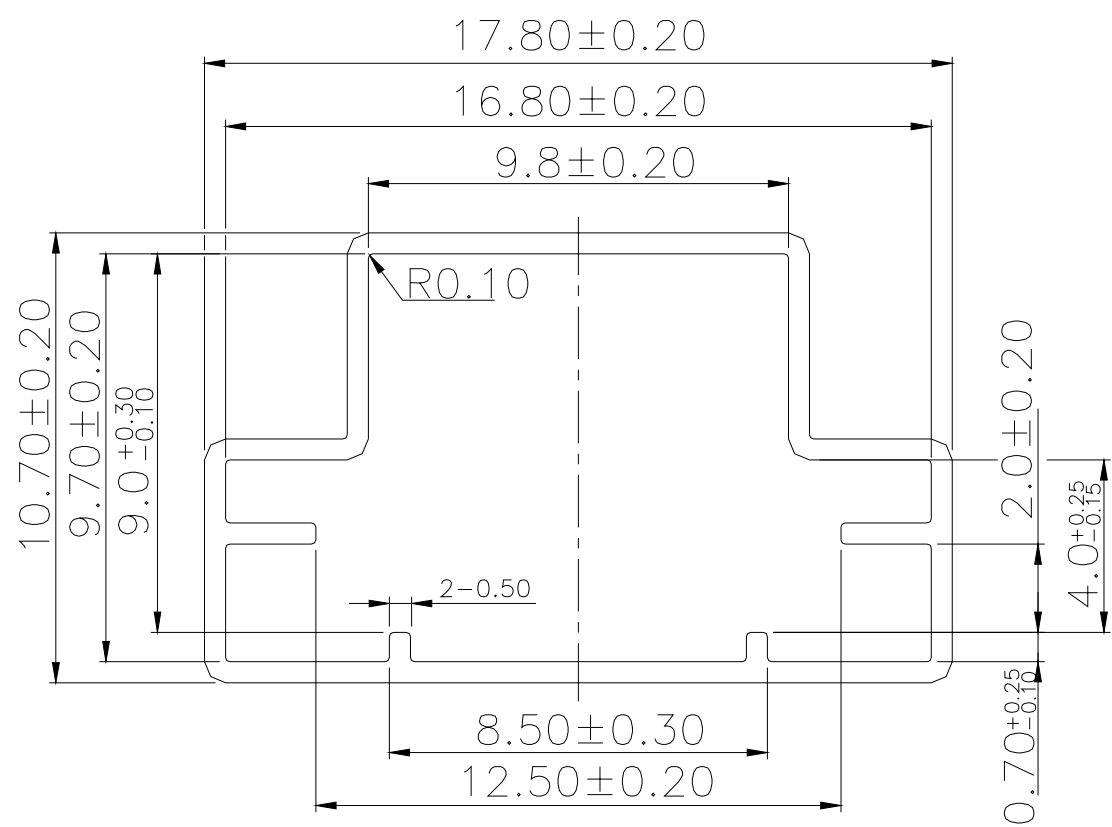
General Tolerance : $\pm 0.2\text{mm}$

DTSM-65.66 TUBE



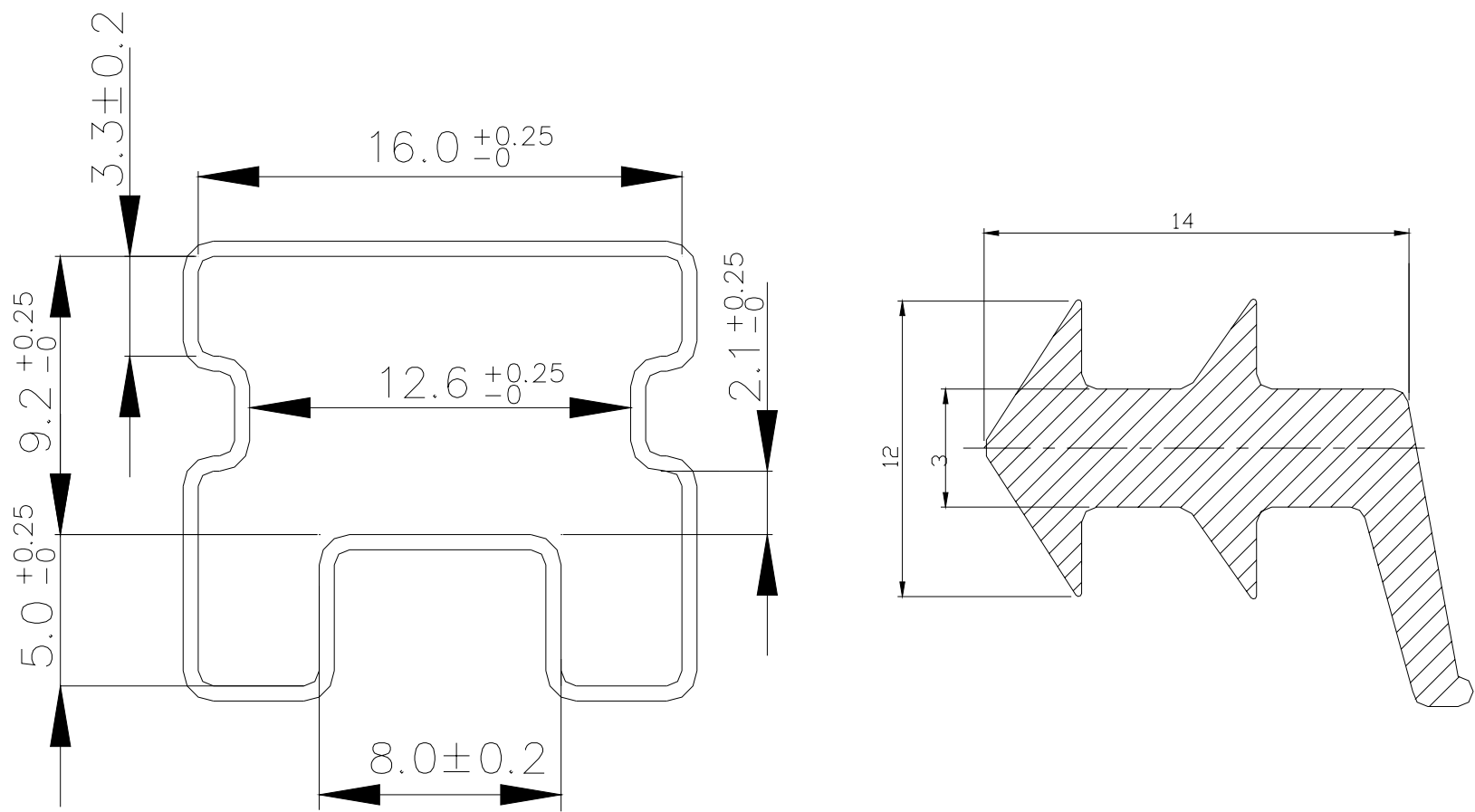
General Tolerance : ±0.2mm

DTSM-2 TUBE



General Tolerance : ±0.2mm

DTS-2 TUBE



General Tolerance : ±0.2mm