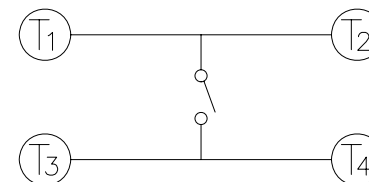
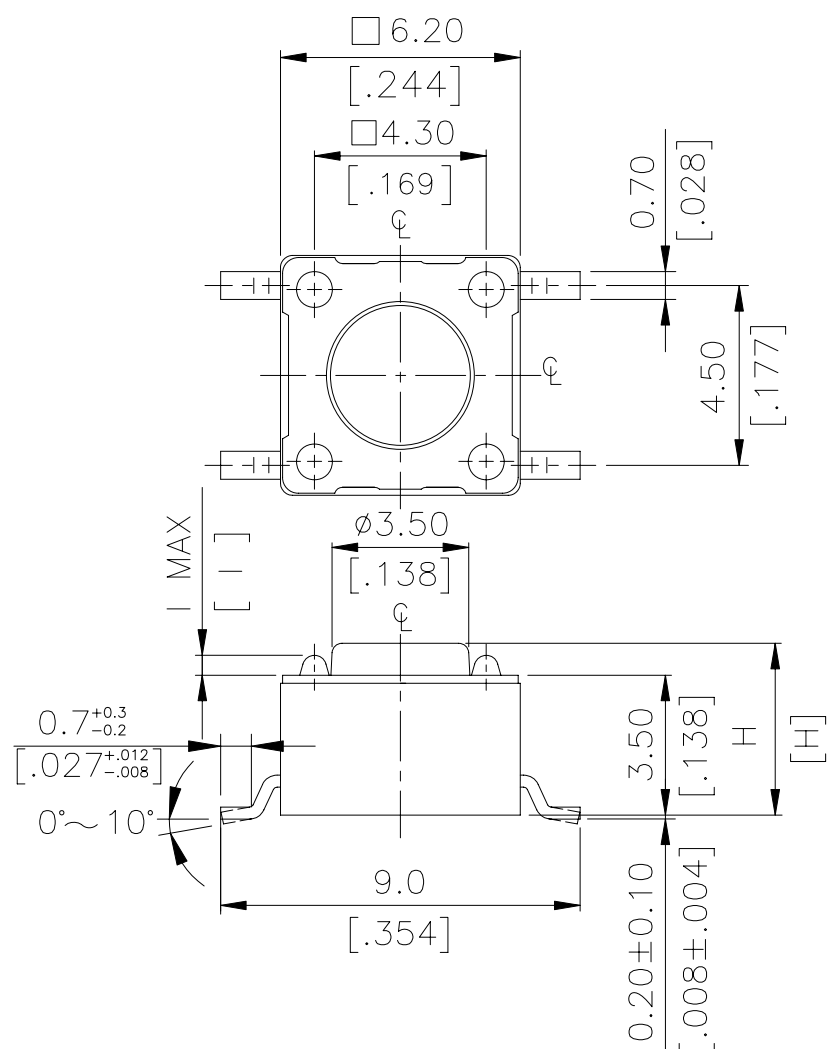


DTSM(G)-6(2) SERIES

DIMENSIONS

DTSM-6



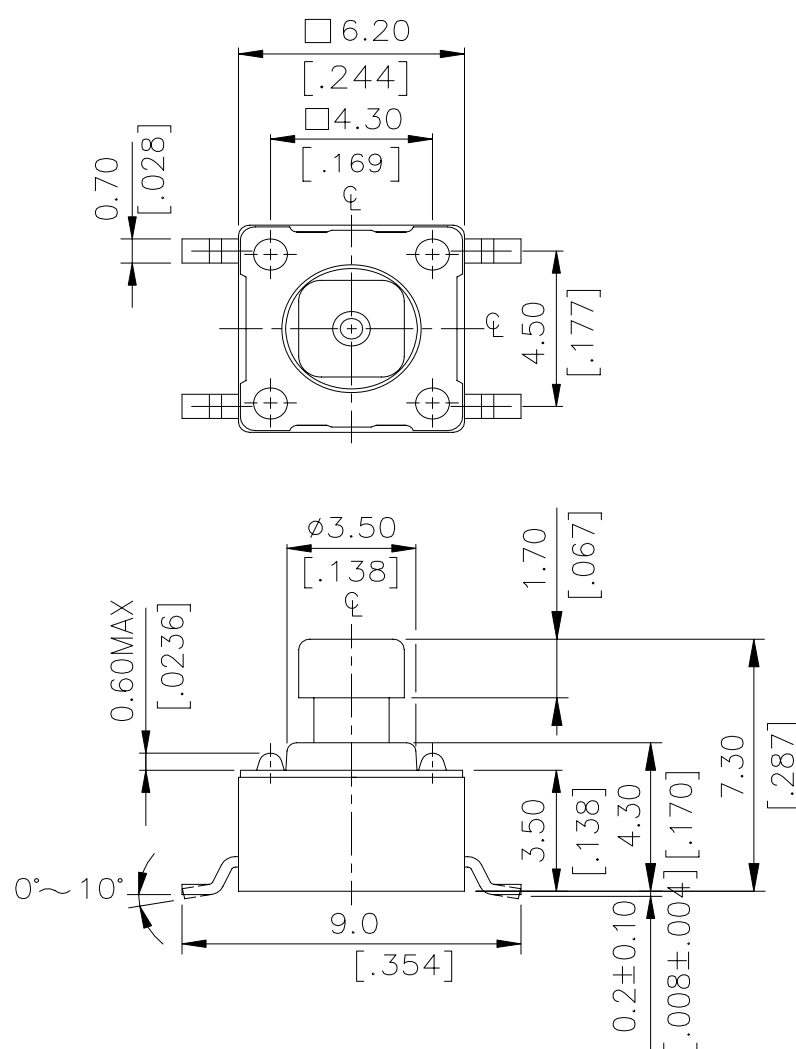
CIRCUIT DIAGRAM

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

DTSM-66 □ -V	13.0 [0.512]
DTSM-65 □ -V	9.5 [0.374]
DTSM-63 □ -V	7.0 [0.275]
DTSM-62 □ -V	5.0 [0.197]
DTSM-61 □ -V	4.3 [0.169]
PROD. NO.	H

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

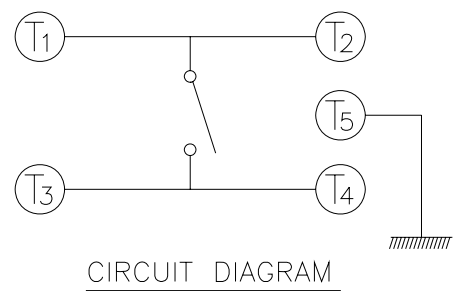
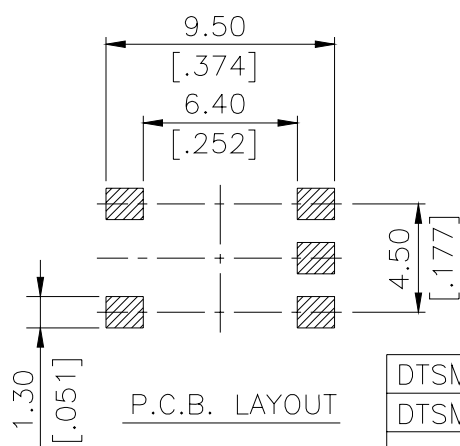
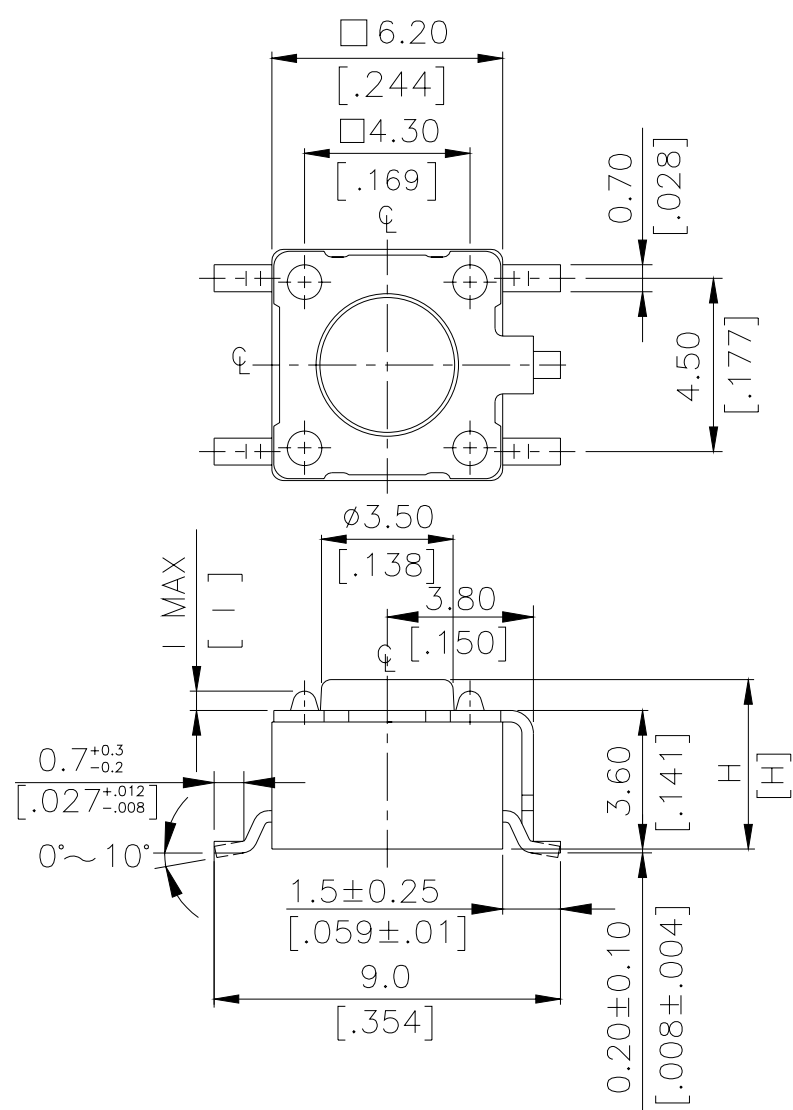
DTSM-64



DTSM-644 □	□ A	2.4	[0.095]
	□ B	1.6	[0.063]
DTSM-648 □	□ A	2.8	[0.110]
	□ B	2.0	[0.079]
PROD. NO.	LOC.	MM.	INCH.

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

DTSMG-6

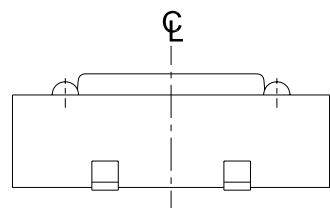
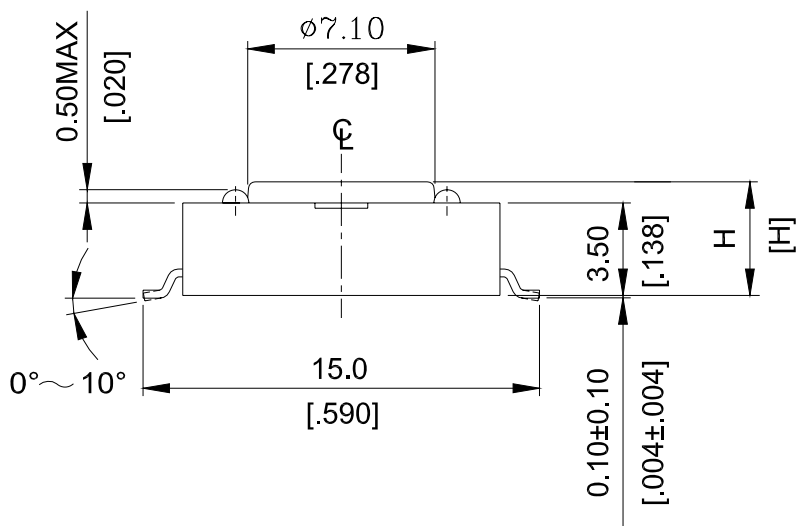
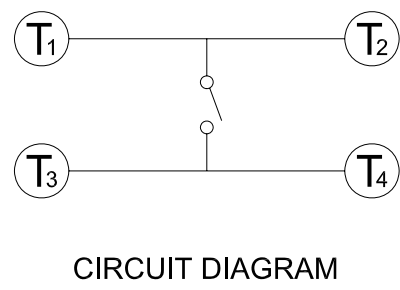
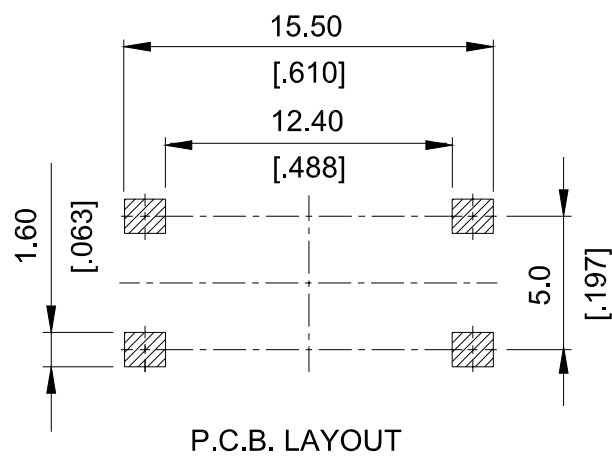
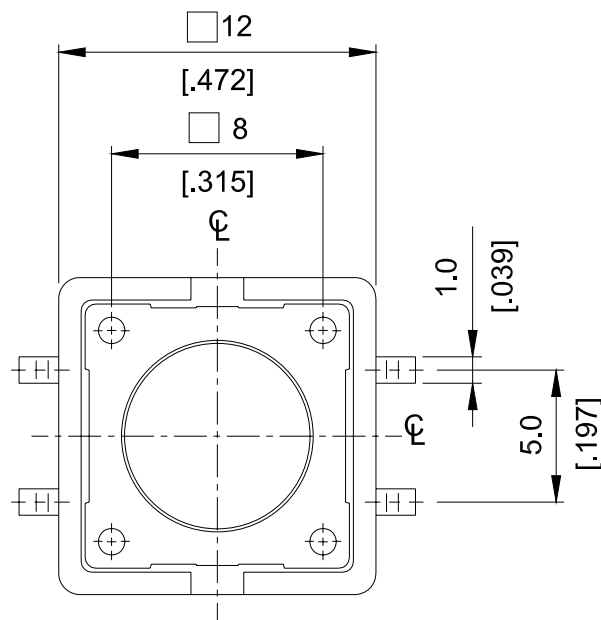


DTSMG-62~66□-V	0.5 MAX	.02MAX
DTSMG-61□-V	0.4 MAX	.016MAX
PROD. NO.	I	INCHES.

DTSMG- 6 6□ -V	13.0 [0.512]
DTSMG- 6 5□ -V	9.5 [0.374]
DTSMG- 6 3□ -V	7.0 [0.275]
DTSMG- 6 2□ -V	5.0 [0.197]
DTSMG- 6 1□ -V	4.3 [0.169]
PROD. NO.	H

General Tolerance : ±0.2mm

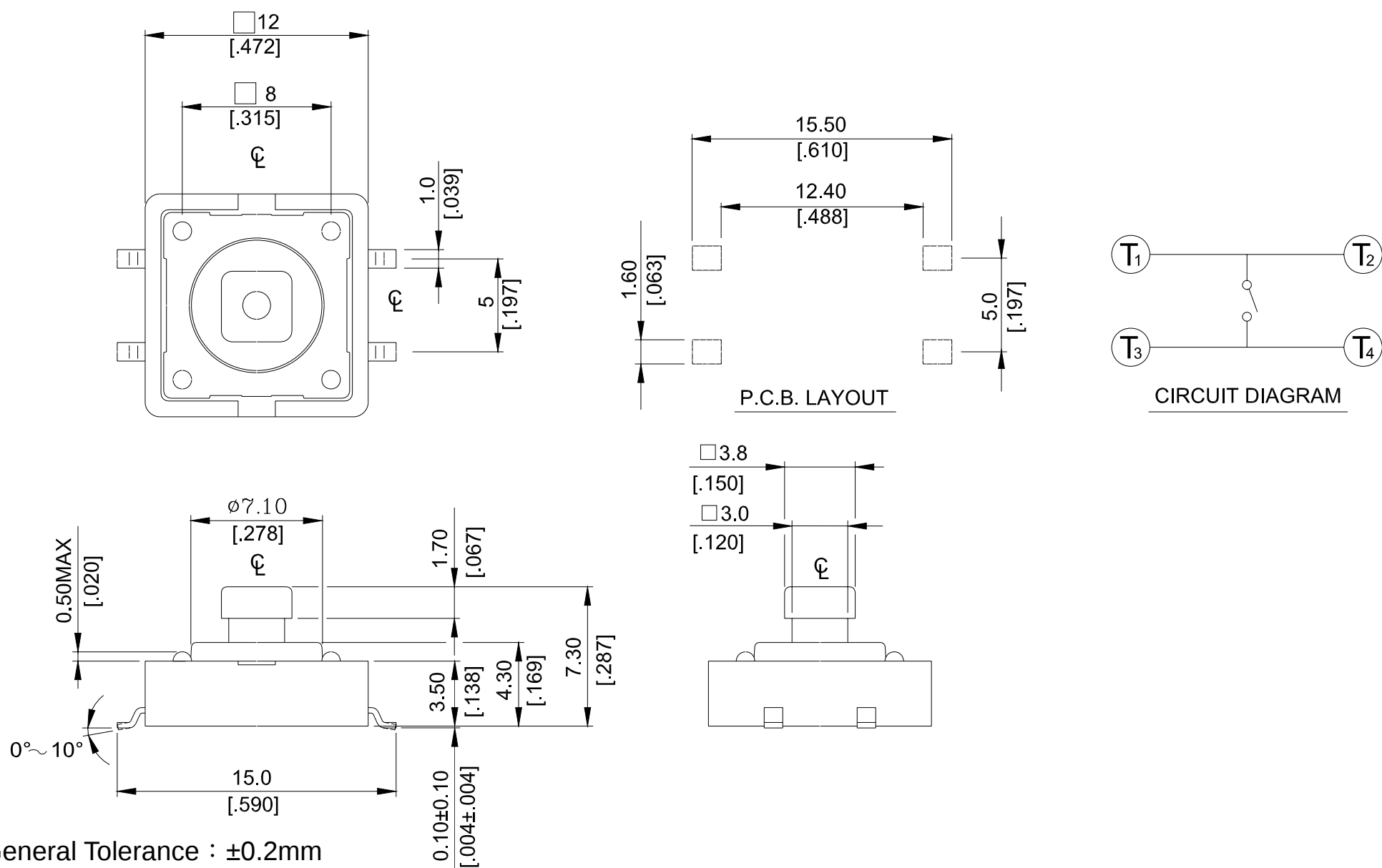
DTSM-2



DTSM-25	8.5[0.335]
DTSM-21	4.6[0.169]
PART NO	H

General Tolerance : ±0.2mm

DTSM-24



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)

DTSM - ☐ ☐ ☐ - ☐ - ☐

- Package Style :
B = Tube
T/R = Tape & Reel
- Soldering :
V = Lead Free Solderable
- Color Of Stem For Operating Force :
N = Brown,160gf
R = Red,260gf
S = Salmon,320gf
- Dimension H :
1 = 4.3mm
4 = 7.3mm(SQ)X3.8mm
5 = 8.5mm
- Prod. Size :
2 = 12X12mm
- Surface-Mounting Type Tactile Switch
<Non-Washable>

SPECIFICATION

△MECHANICAL

520 ± 130gf

Yellow (Y)

320 ± 80gf

Salmon (S)

Operation Force:

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

Operation Temperature: -25℃ to +70℃

Storage Temperature: -30℃ to +80℃

△ELECTRICAL(12x12)

Electrical Life: 100,000 cycles for 320gf, 520gf

100,000 cycles for 260gf

200,000 cycles for 100gf, 160gf

△ELECTRICAL(6x6)

Electrical Life: 1,000,000 cycles for 320gf, 520gf

500,000 cycles for 260gf

300,000 cycles for 100gf, 160gf

Rating: 50mA , 12VDC

Contact Resistance: 100mΩ max.

Insulation Resistance: 100MΩ min. at 500VDC

Dielectric Strength: 250VAC/ minute

Contact Arrangement: SPST

MATERIAL

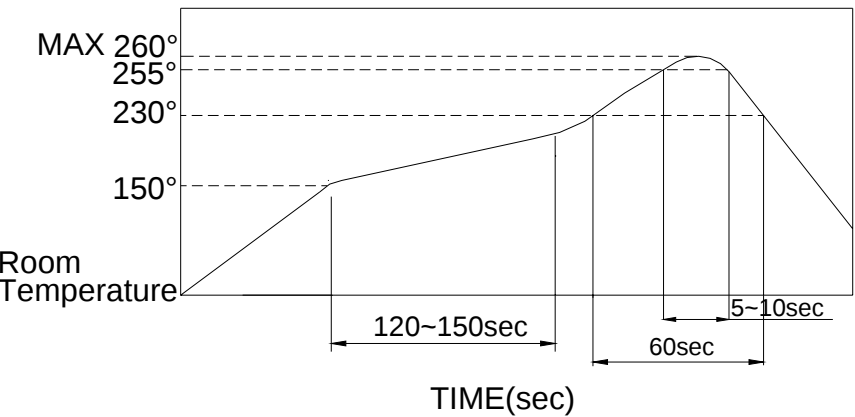
- △COVER: Stainless Steel(for DTSM-6 、 2)
Nickel Silver (for DTSMG-6)
- △BASE: UL94V-0 Nylon High-Temp. Thermoplastic
Color: Black (Standard)
Color: Brown (V option)
- △STEM: UL94V-0 Nylon High-Temp. Thermoplastic
Color: Black (100gf), Brown (160gf)
Red (260gf), Salmon (320gf)
Yellow (520gf)
- △CONTACT DISC: Phosphor Bronze with silver cladding
(Standard)
Stainless Steel(V option)
- △TERMINAL: Brass with silver plated

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.

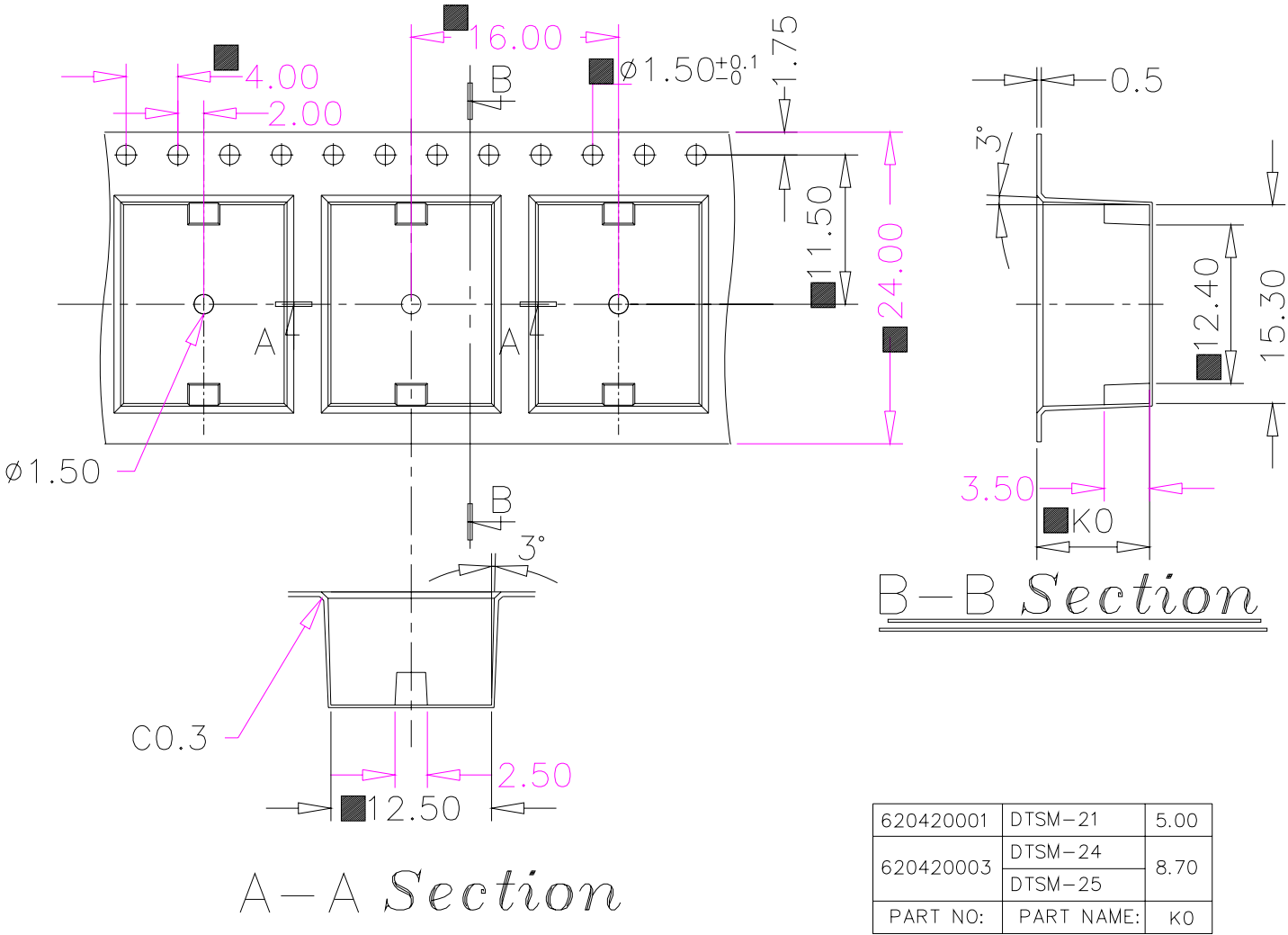
△ Temperature Profile:



PACKING

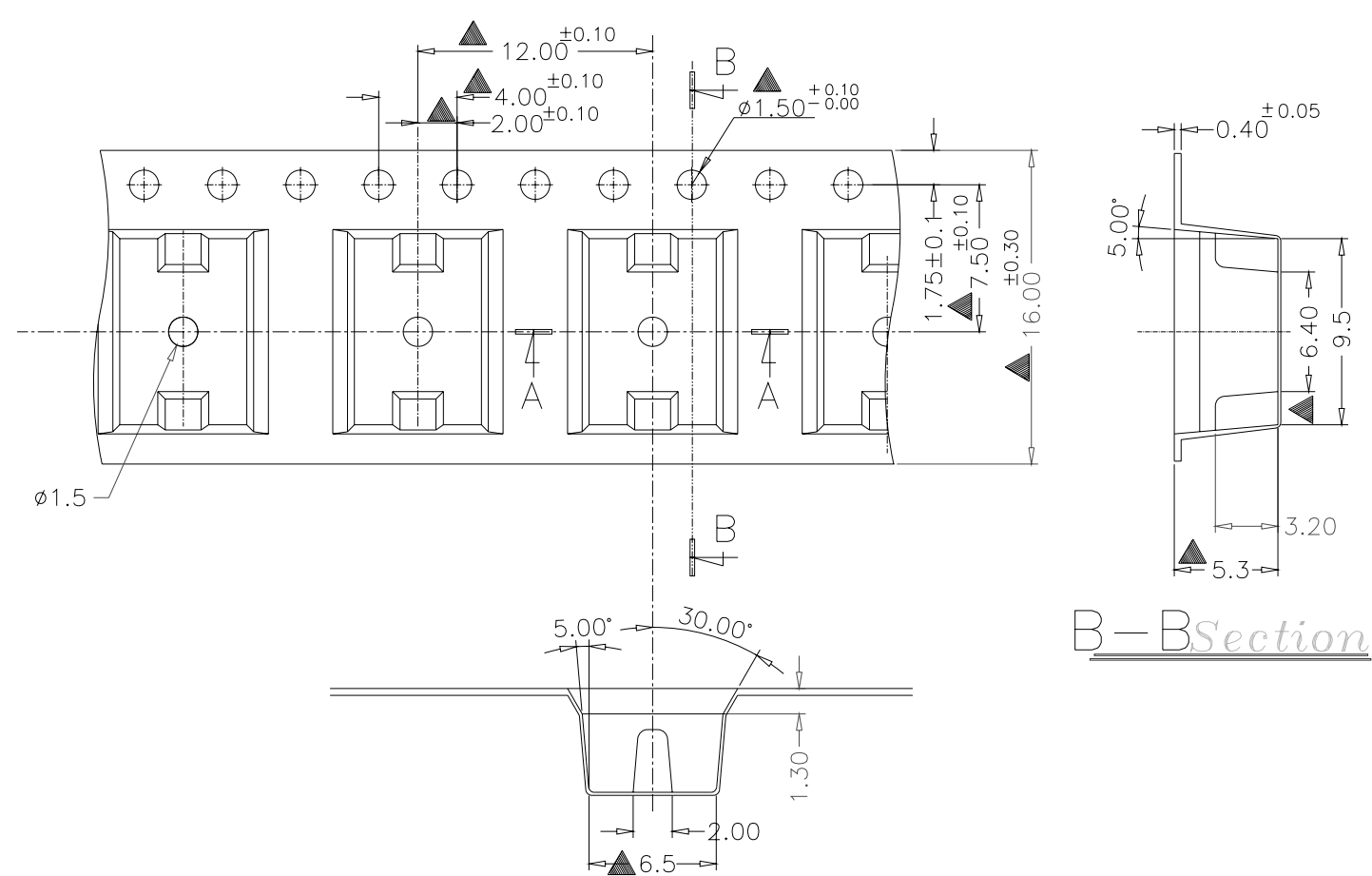
Part Number	Number Per Tube	Number Per Reel
DTSM-61	77	1000
DTSMG-61	-	1000
DTSM-62	77	900
DTSMG-62	-	1000
DTSM-63	77	700
DTSMG-63	-	500
DTSM-644(8)	77	500
DTSMG-644(8)	-	500
DTSM-65	77	380
DTSMG-65	-	380
DTSM-66	77	-
DTS(M)-21	40	700
DTS(M)-24	40	500
DTS(M)-25	40	400

DTSM-2 REEL



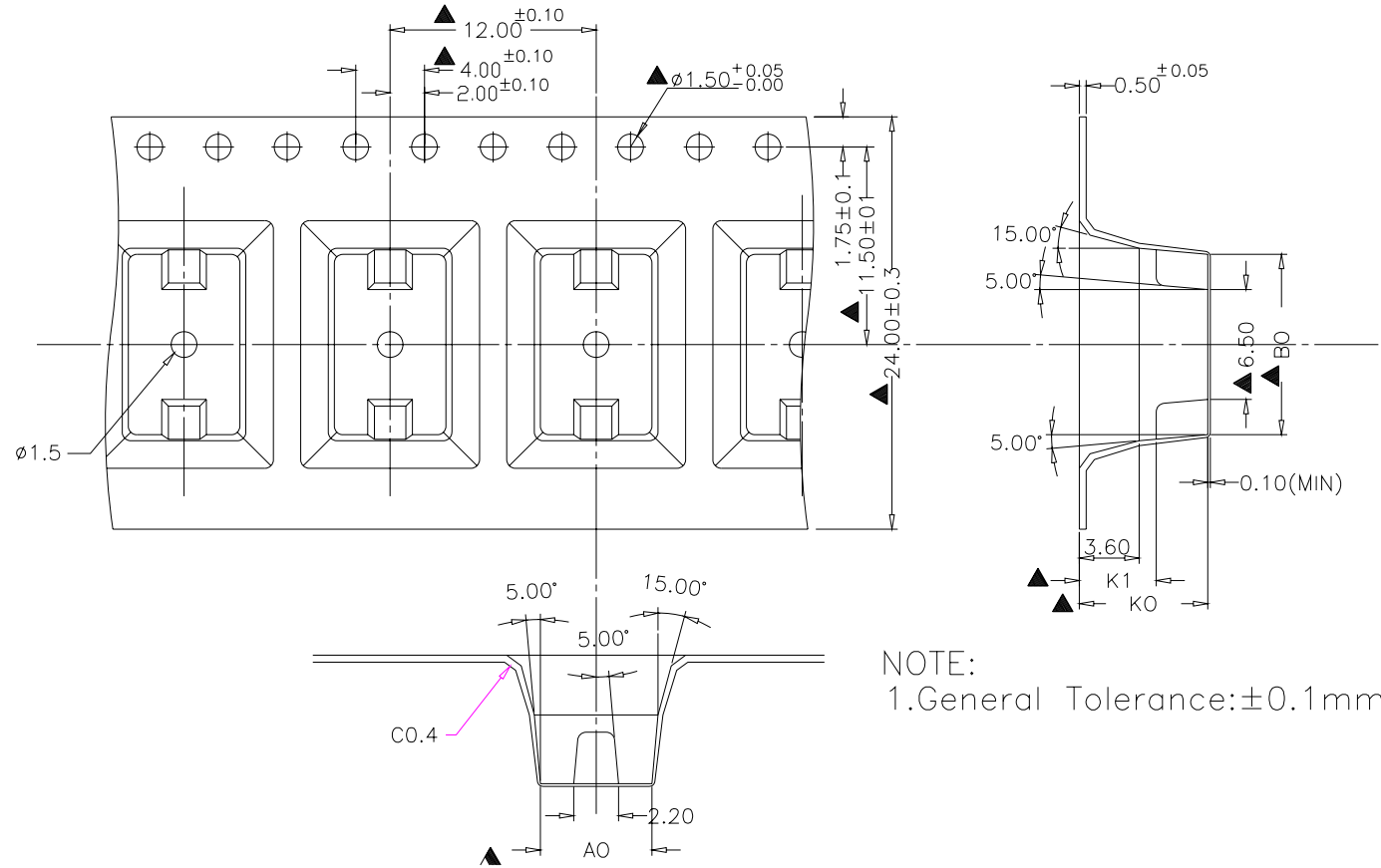
General Tolerance : ±0.1mm

DTSM-61.62 REEL



General Tolerance : ± 0.1 mm

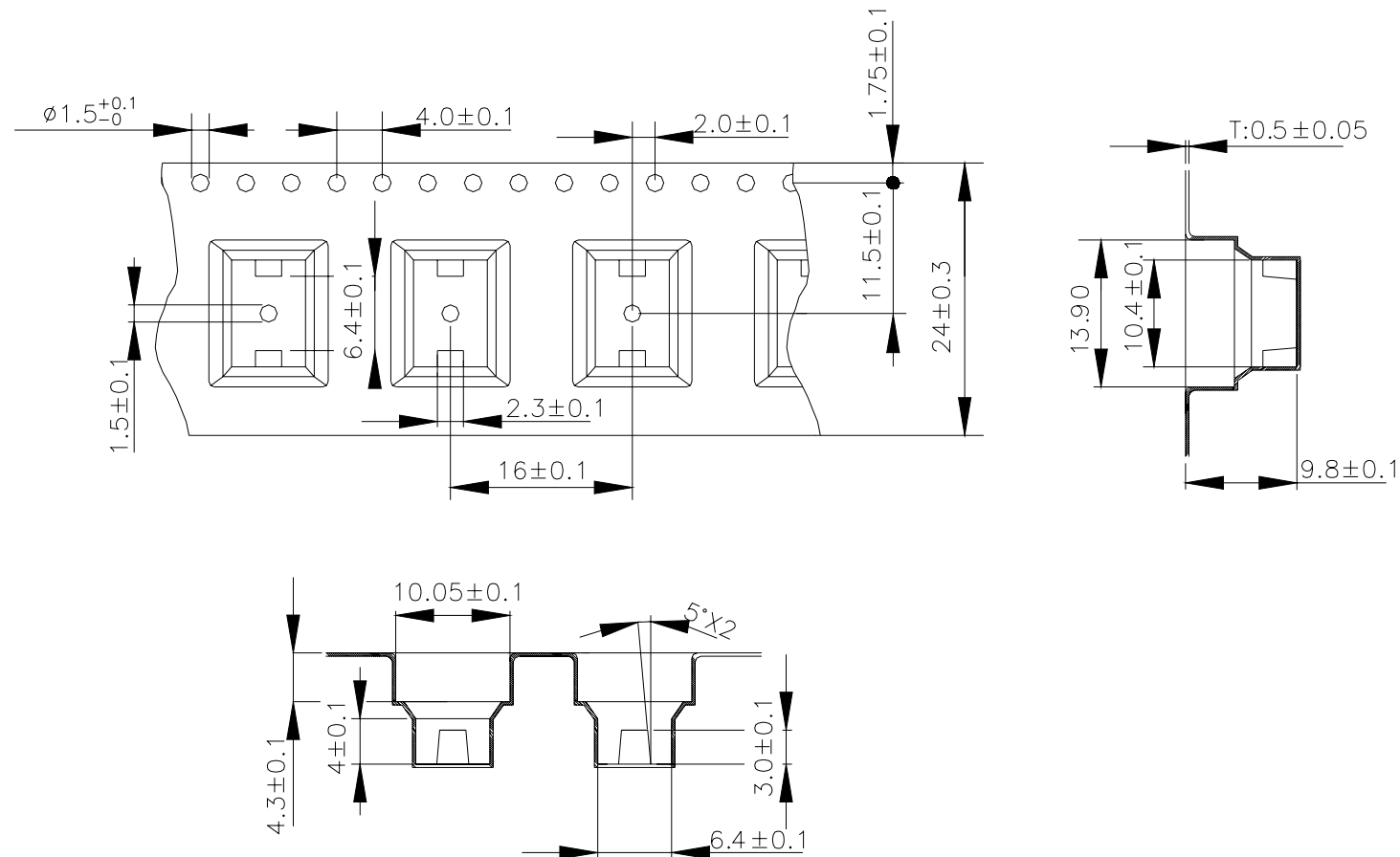
DTSM-64 REEL



General Tolerance : ± 0.1 mm

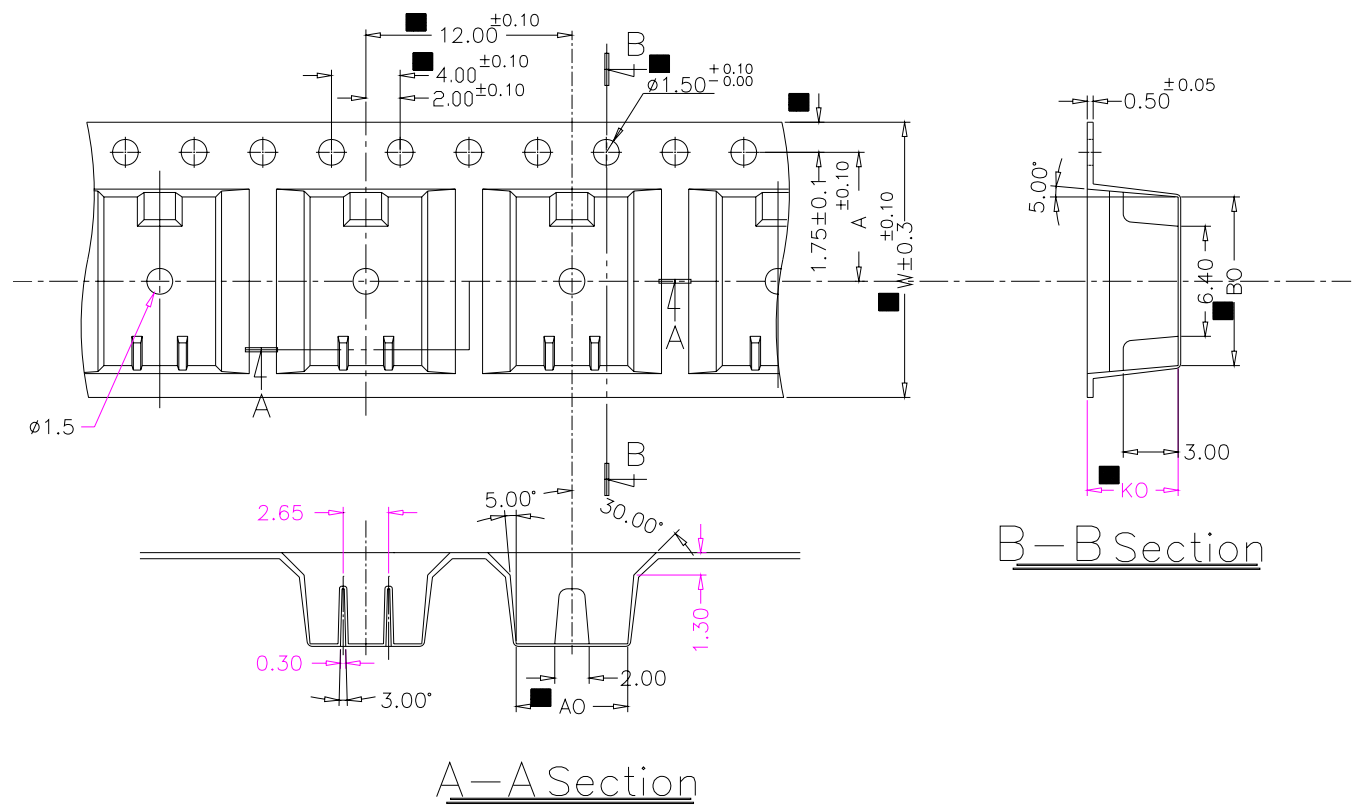
Ao	6.50 ± 0.10
Bo	10.00 ± 0.10
Ko	7.60 ± 0.10
K1	4.90 ± 0.10

DTSM-65 REEL



General Tolerance : ± 0.1 mm

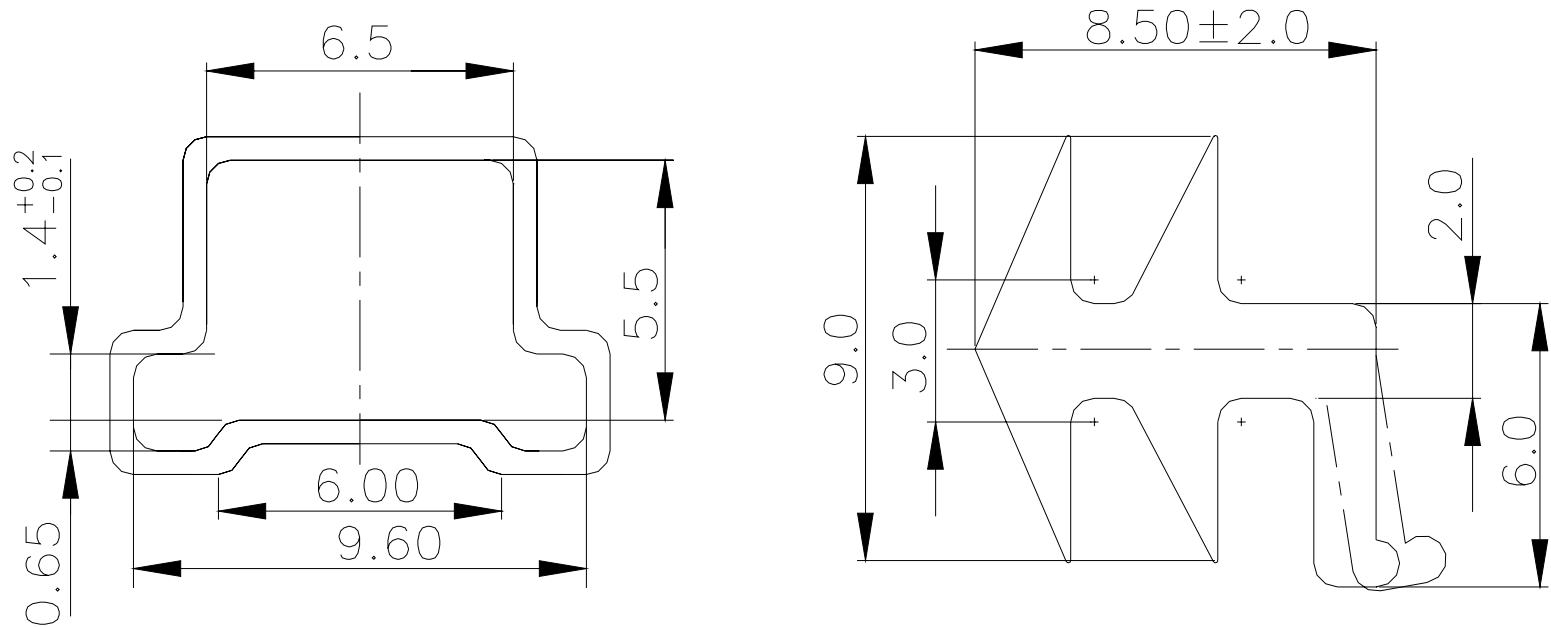
DTSMG-61.62.63.64.65 REEL



625350000	DTSMG-65	6.50	9.50	9.75	24.0	11.50
625330000	DTSMG-63.64	6.50	9.50	7.40	24.0	
625300000	DTSMG-61.62	6.50	9.50	5.30	16.0	
PART NO:	PART NAME:	A0	B0	K0	W	A

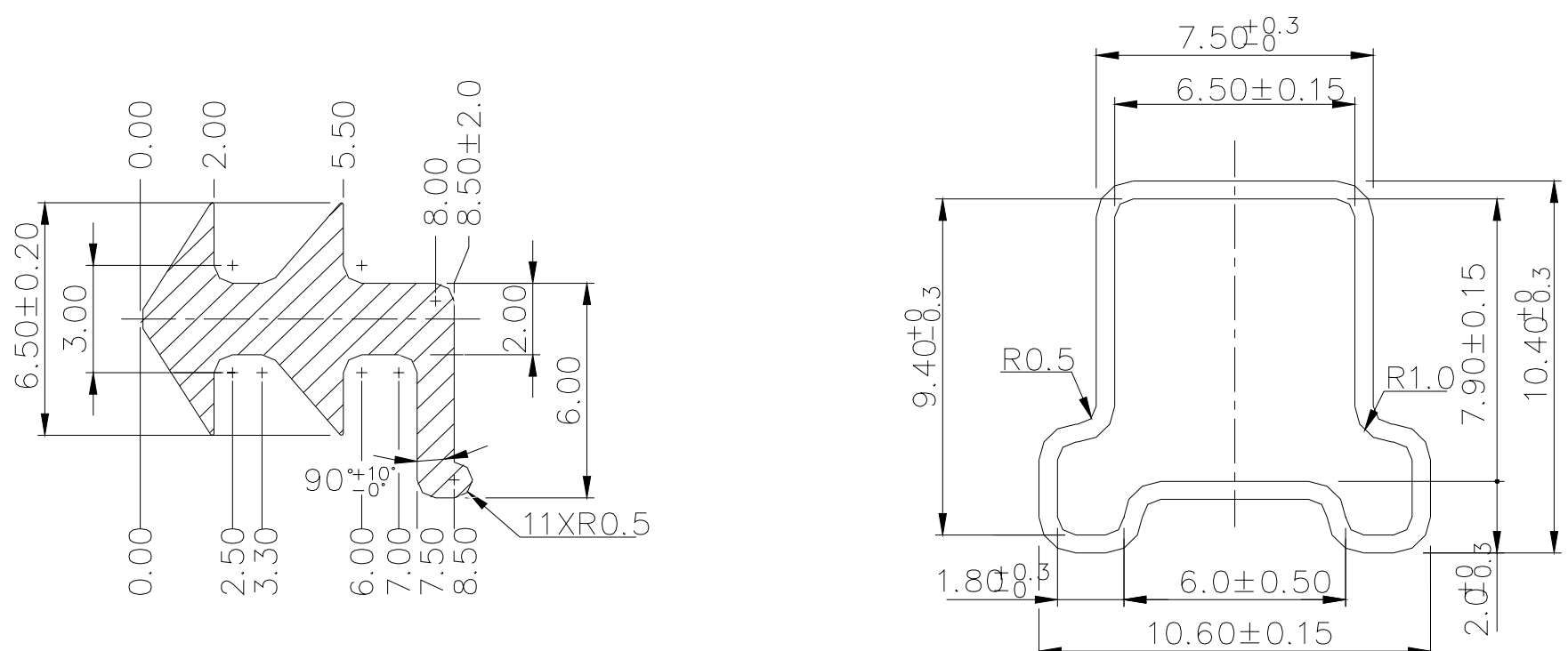
General Tolerance : $\pm 0.1\text{mm}$

DTSM-61.62 TUBE



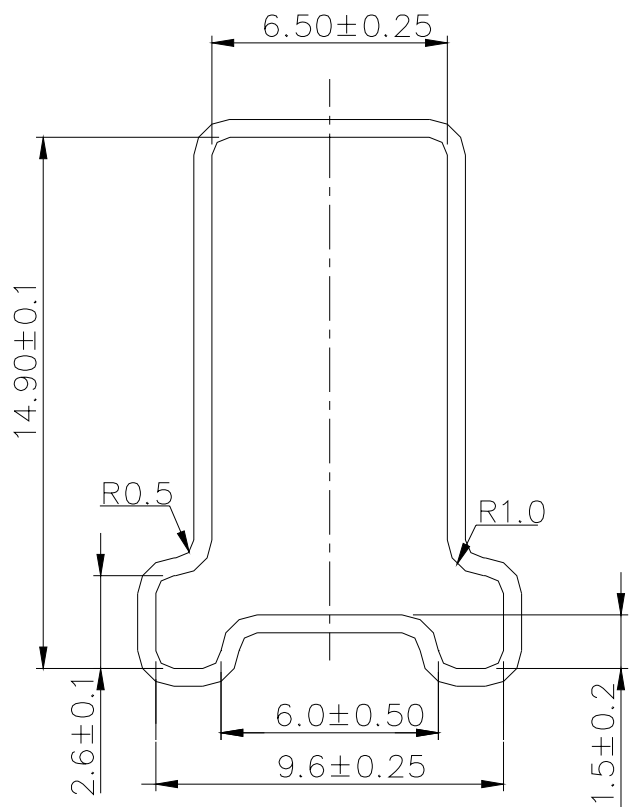
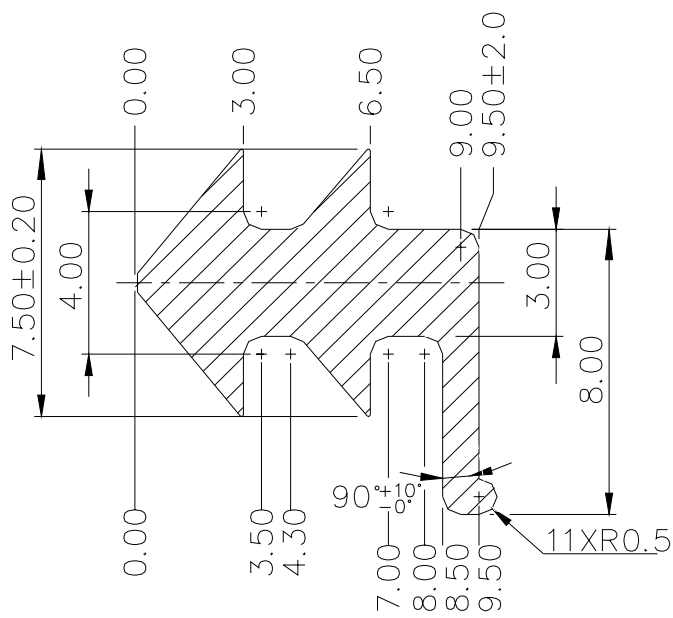
General Tolerance : $\pm 0.2\text{mm}$

DTSM-63.644(8) TUBE



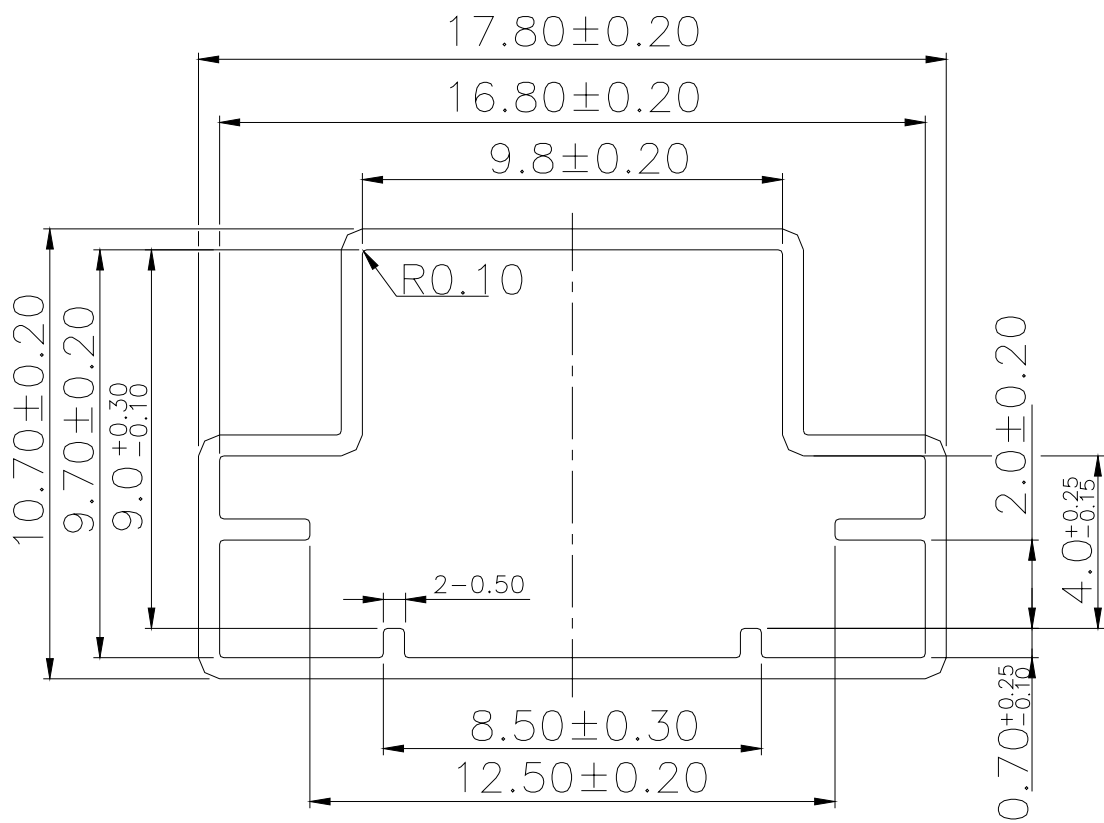
General Tolerance : $\pm 0.2\text{mm}$

DTSM-65.66 TUBE



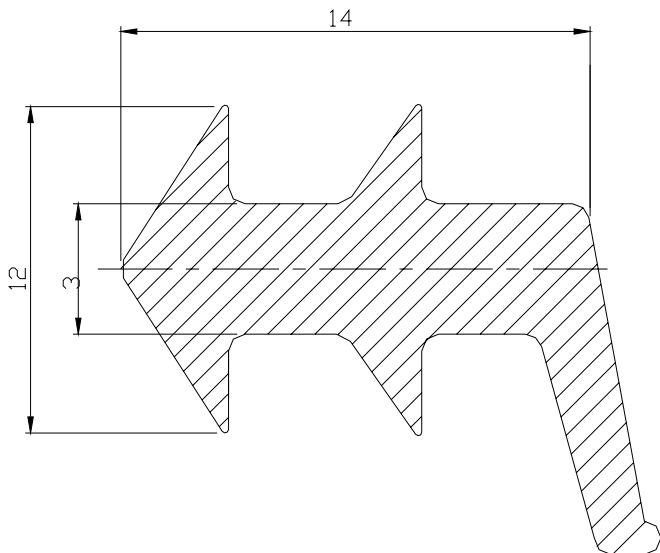
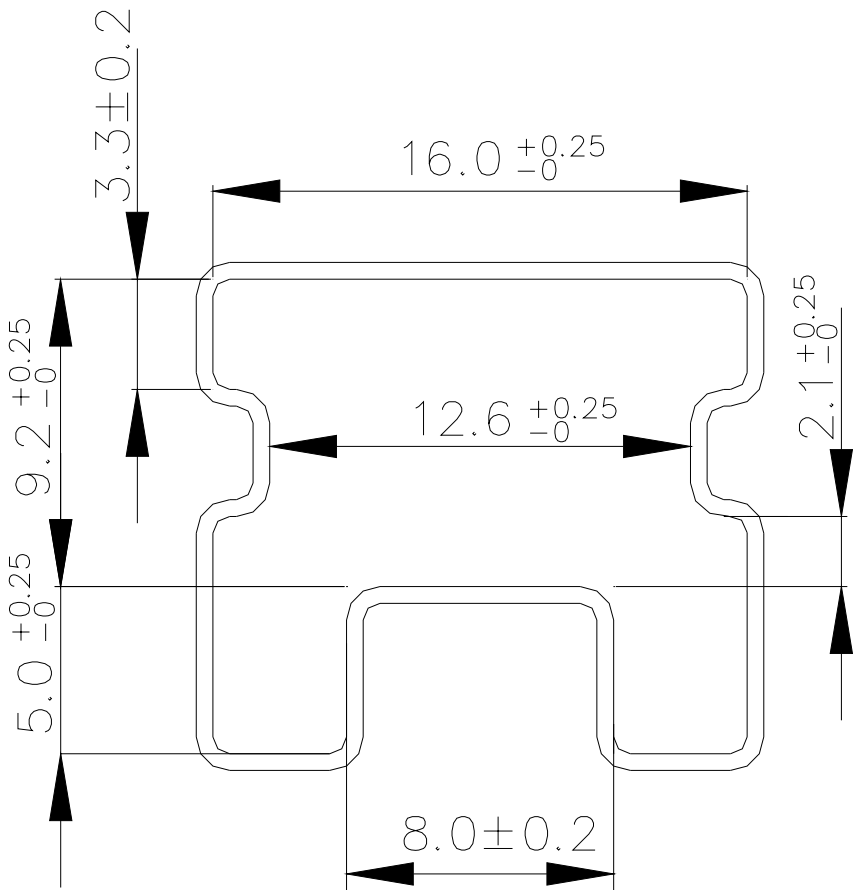
General Tolerance : ±0.2mm

DTSM-2 TUBE



General Tolerance : ±0.2mm

DTS-2 TUBE



General Tolerance : ±0.2mm