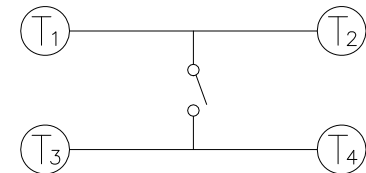
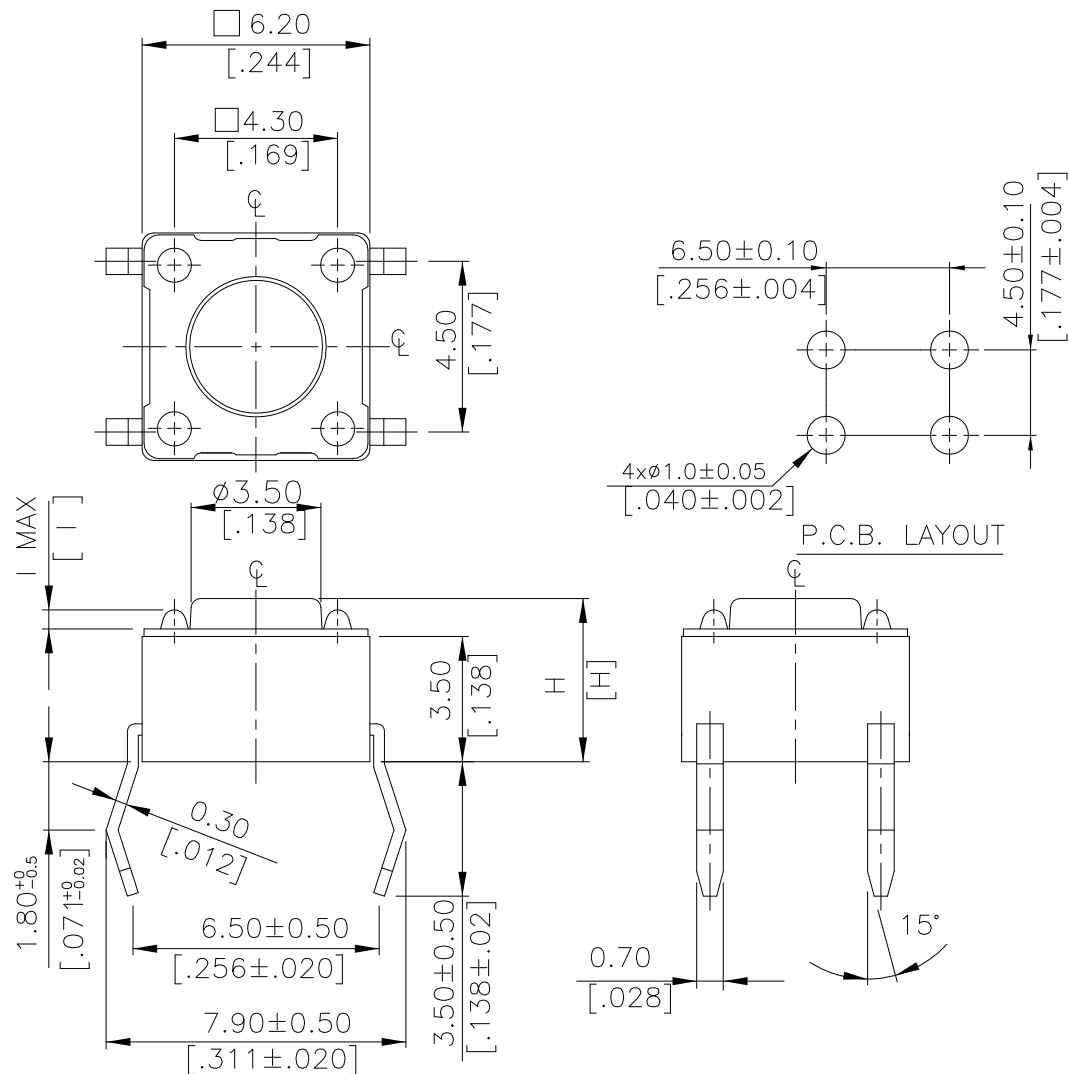


DTS-6(2) SERIES



DIMENSIONS

DTS-61~66 □



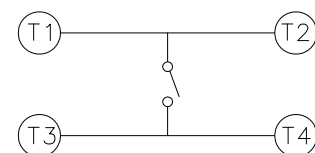
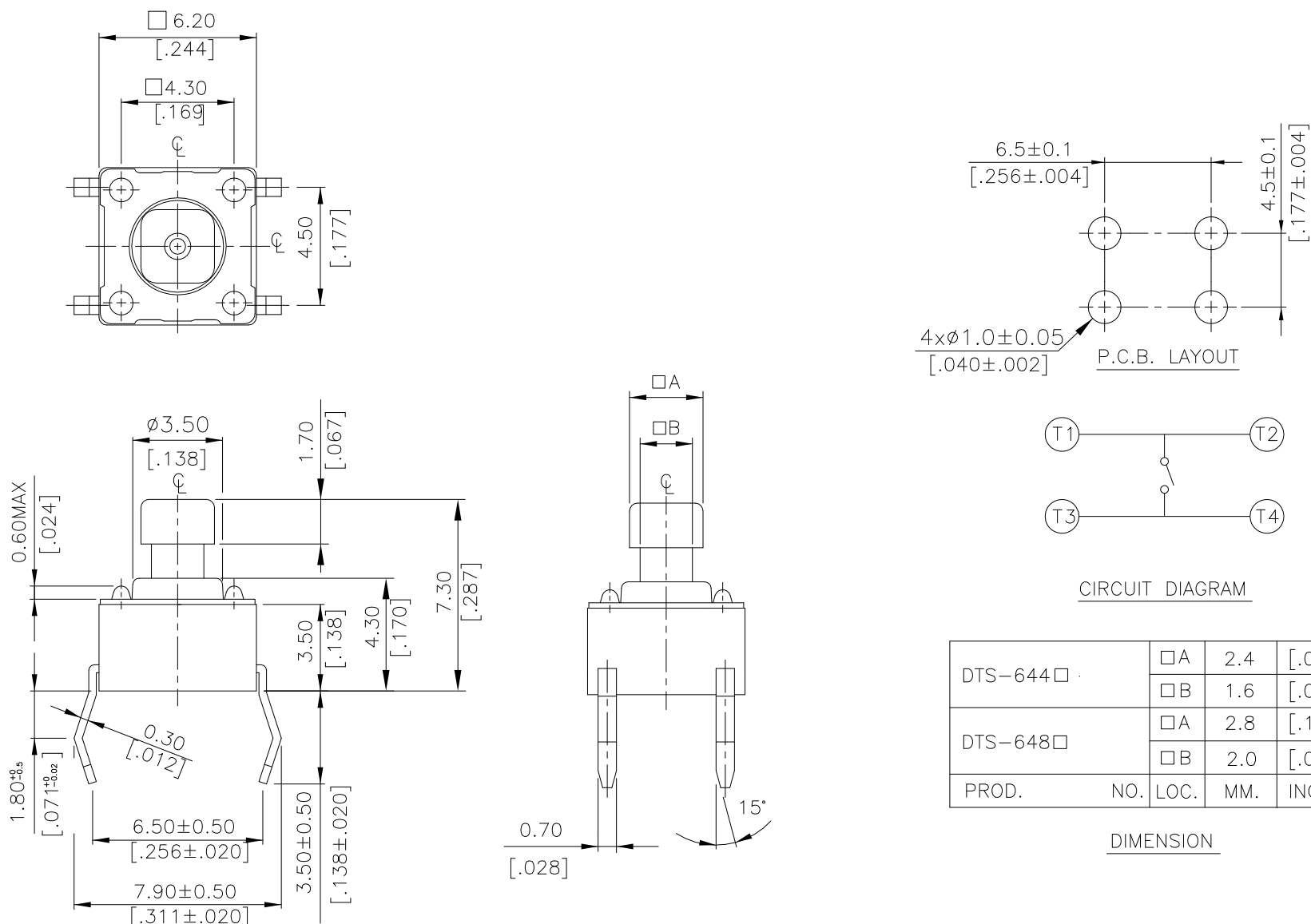
CIRCUIT DIAGRAM

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

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

General Tolerance : ±0.2mm

DTS-644、648 □



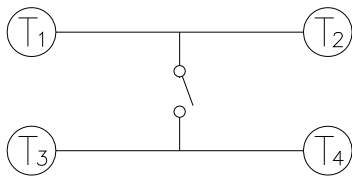
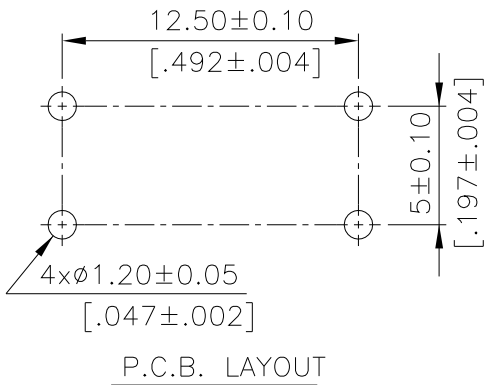
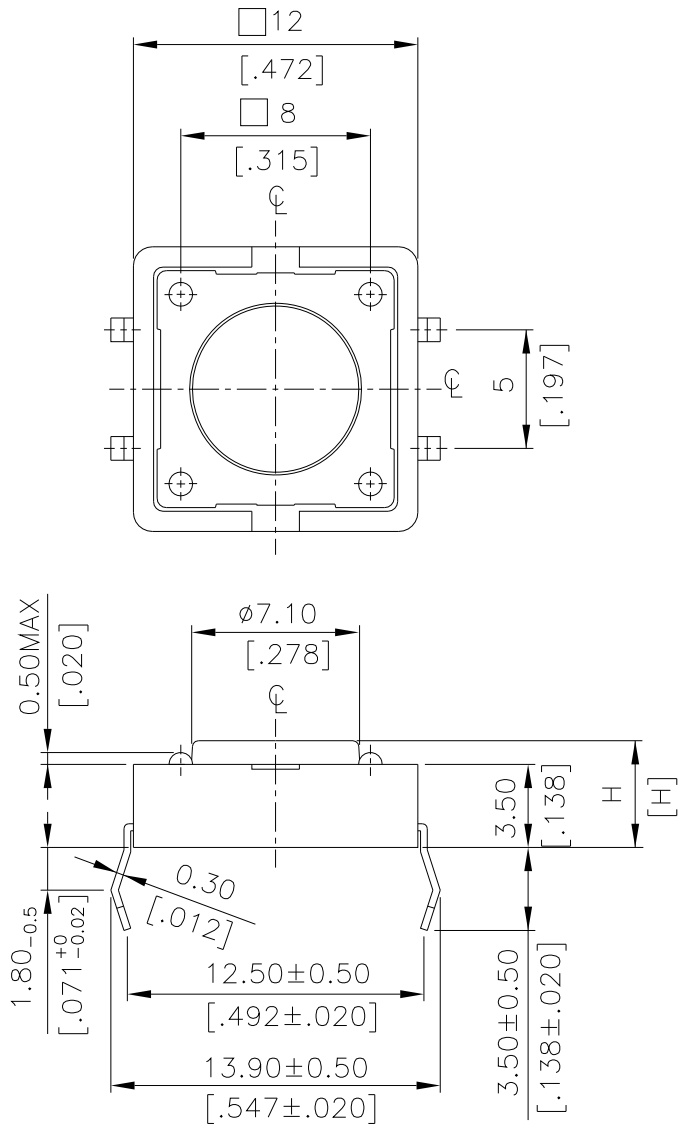
CIRCUIT DIAGRAM

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

DIMENSION

General Tolerance : ±0.2mm

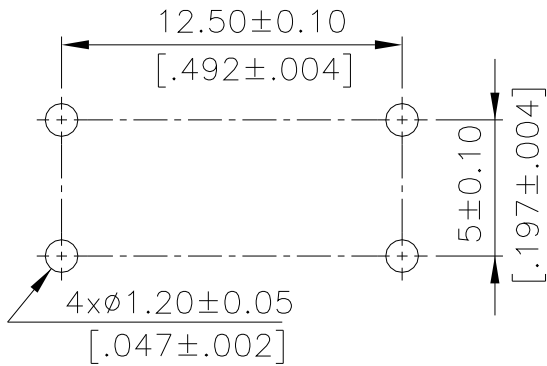
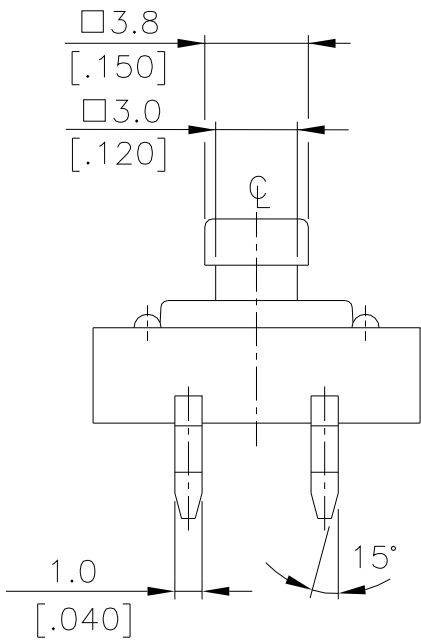
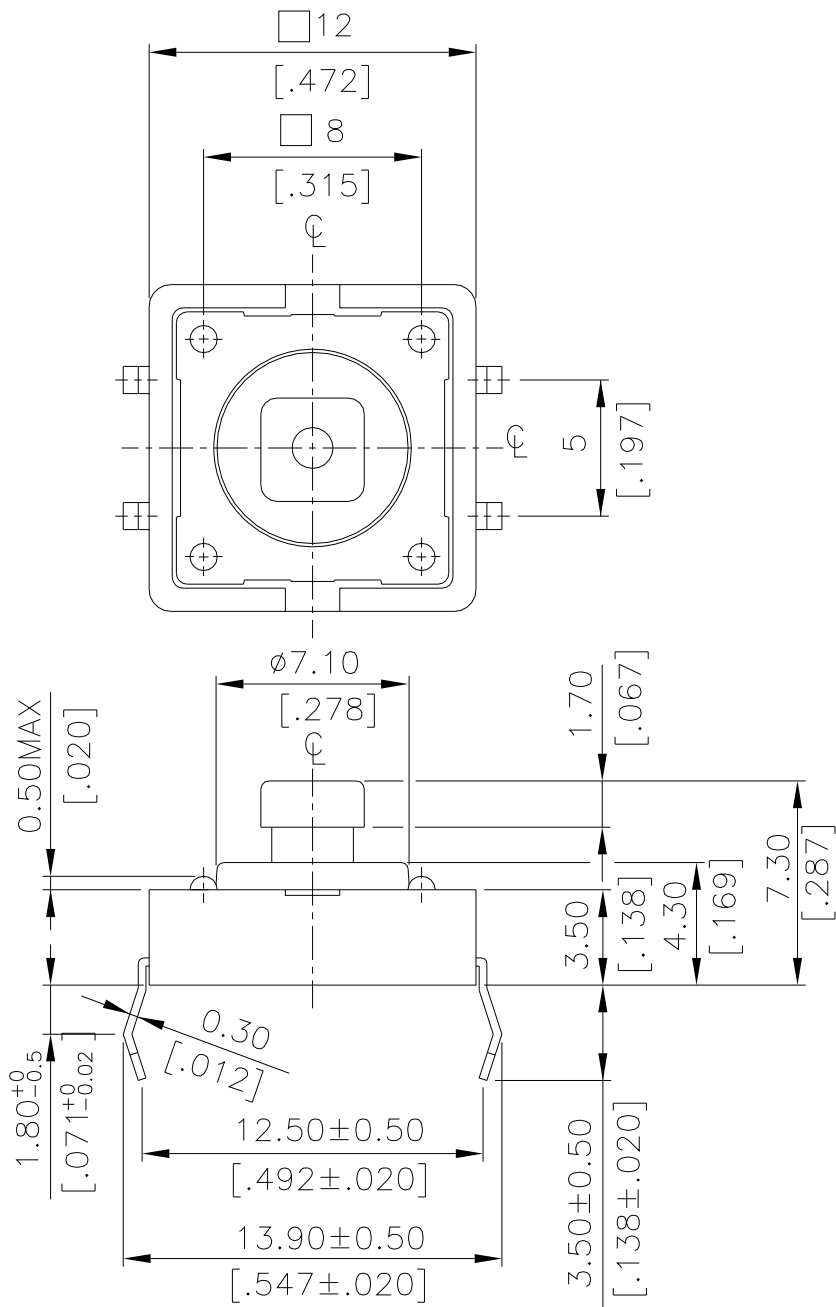
DTS-21、25□



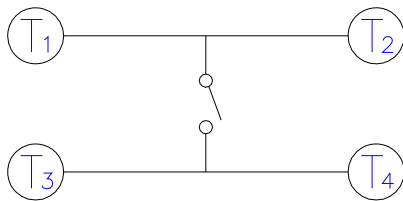
| | |
|-----------|-----------|
| DTS-25□- | 8.5[.335] |
| DTS-21□- | 4.3[.169] |
| PROD. NO. | H |

General Tolerance : ±0.2mm

DTS-24□



P.C.B. LAYOUT



General Tolerance : ±0.2mm

HOW TO ORDER

D T S □ - □ □ □ - □ - □ - □

Package style:
□ = Bulk pack
▲ B = Tube
(▲ Except DTS-61, 62, 63, 644, 648, 65, 66)

Soldering:
V = RoHS & Lead Free Solderable
Q = Halogen Free

□ = Phosphor bronze Dome
(*S = Dome Stainless steel)
(*12x12 Y Unavailable)

Color of stem for operating force:
▲ K = Black , 100gf-----only for 6x6
K = Black , 130gf-----only for 12x12
N = Brown , 160gf
R = Red , 260gf
S = Salmon , 320gf
▲ Y = Yellow , 520gf
(▲ 12x12 Y Unavailable)

Dimension H :
◎ 6 X 6 mm
1 = 4.3 mm
2 = 5.0 mm
3 = 7.0 mm
44 = 7.3 mm(SQ.)x2.4 mm
48 = 7.3 mm(SQ.)x2.8 mm
5 = 9.5 mm
6 = 13 mm
◎ 12 x 12 mm
1 = 4.3 mm
4 = 7.3 mm (SQ.) x 3.8 mm
5 = 8.5 mm

Prod. Size :
6 = 6x6 mm
2 = 12x12 mm

□ = None Post
▲ = With Post
< ▲ For 12x12 only >

Tactile Switch

SPECIFICATION

△MECHANICAL

Operation Force:520±130gf Yellow(Y)
320±80gf Salmon(S)
260±50gf Red(R)
160±50gf Brown(N)
130±50gf Black(K)—(only for 12x12)
100±50gf Black(K)---(only for 6x6)
Stop Strength: Max 3kgf vertical static load continuously
for 15 seconds

Stroke : (12x12) 0.35±0.1mm
(6x6) 0.25+0.2/-0.1mm
Operation Temperature Range : -25℃ to +70℃
Storage Temperature Range : -30℃ to +80℃

△ELECTRICAL (12X12) *Phosphor bronze Dome
Electrical Life: 100,000 cycles for 520gf, 320gf, 260gf
200,000 cycles for 160gf

△ELECTRICAL (6X6) *Phosphor bronze Dome
Electrical Life : 300,000 cycles for 320gf, 520gf
500,000 cycles for 260gf
1,000,000 cycles for 70gf, 100gf,160gf

MATERIAL

△COVER : Stainless steel
△CONTACT DISC : Phosphor bronze with silver cladding
(Standard)
Stainless Steel(V-Option)
△TERMINAL : Brass with silver plated
△BASE : UL94V-0 Nylon High-Temp. Thermoplastic
△STEM : UL94V-0 Nylon High-Temp. Thermoplastic
Color : Black(100gf) , Brown(160gf) , Red(260gf)
Salmon(320gf) , Yellow(520gf)

△ELECTRICAL (12X12) * Stainless Steel Dome
Electrical Life: 300,000 cycles for 520gf, 320gf
500,000 cycles for 260gf
1,000,000 cycles for 160gf

△ELECTRICAL (6X6)*Stainless Steel Dome
Electrical Life: 3,000,000 cycles for 320gf, 520gf
500,000 cycles for 260gf
1,000,000 cycles for 70gf, 100gf, 160gf

SOLDERING PROCESS

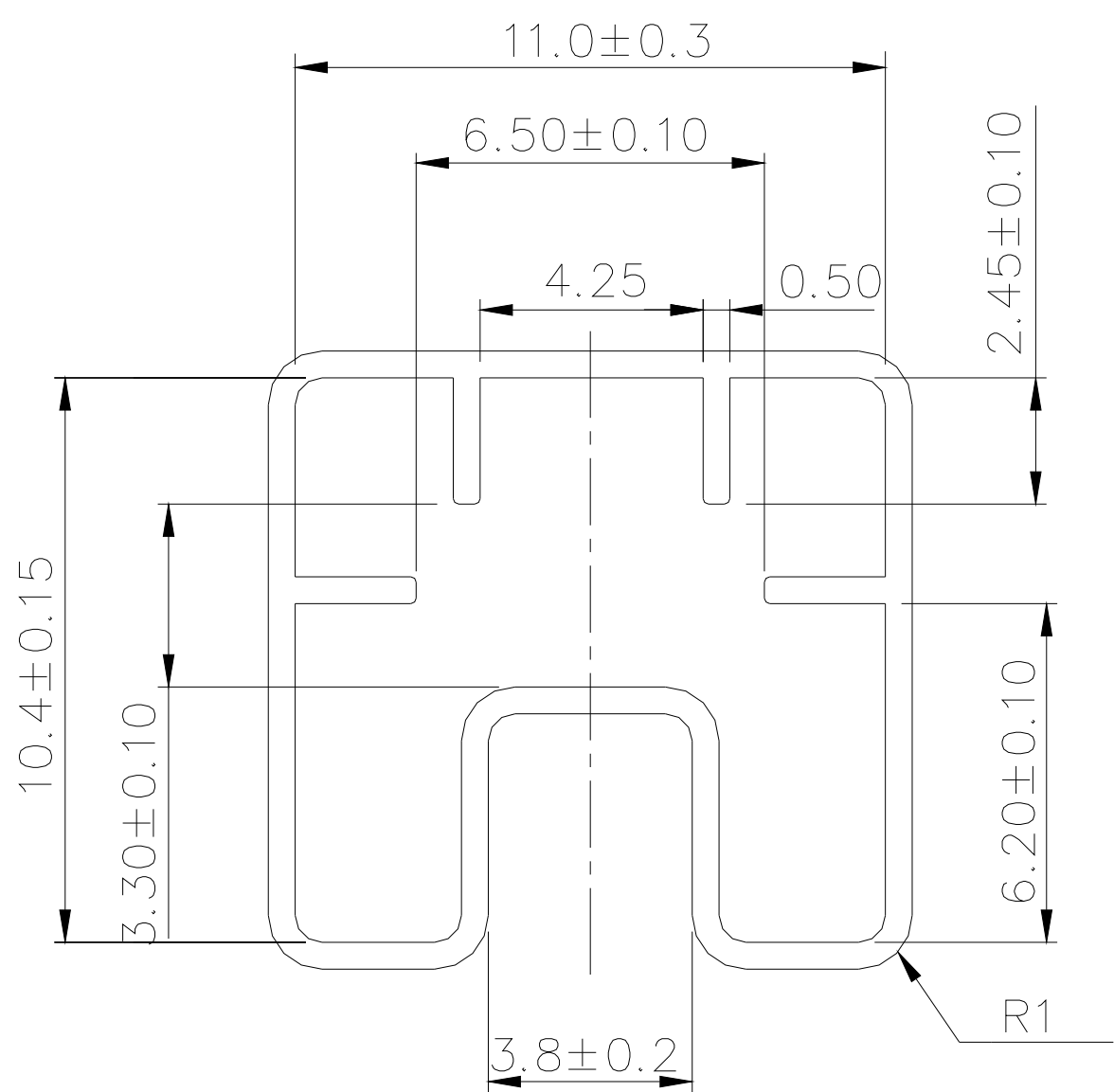
△WAVE SOLDERING: Recommended solder temperature at 500°F(260℃)max. 5 seconds subject to PBC 1.6mm
thickness (For through hole type)

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

PACKING

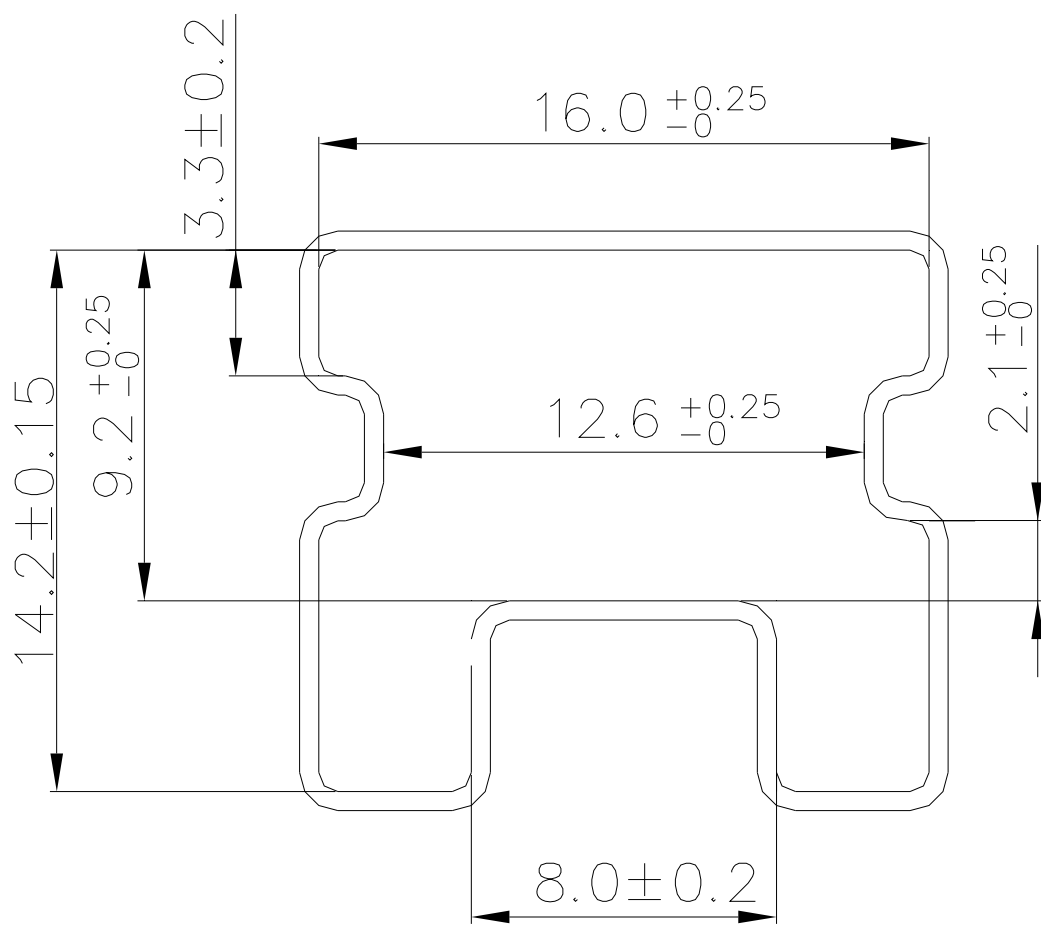
| Part Number | Number Per Bag | Number Per Tube |
|-------------|-------------------|--------------------|
| DTS-6□□□ | 1000 | - |
| DTS-61 | - | 77 |
| DTS-62 | - | 77 |
| DTS-2 | 500 | - |
| DTS-2□□ | - | 39 |

DTS-61.62 TUBE



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

DTS-2 □ □ TUBE



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