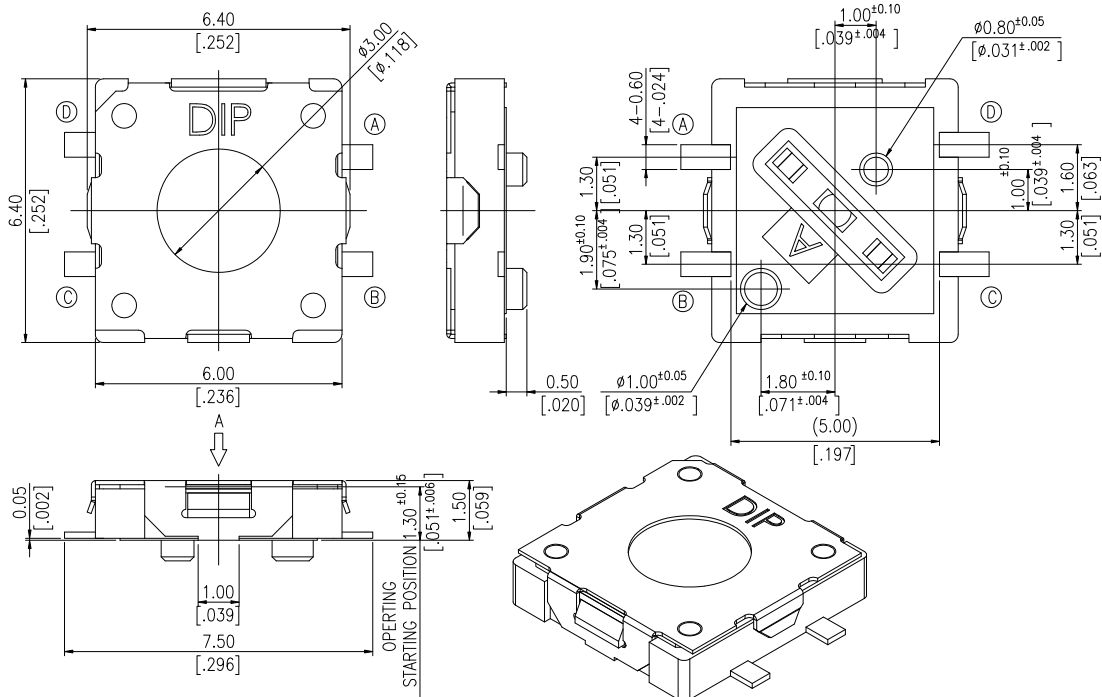
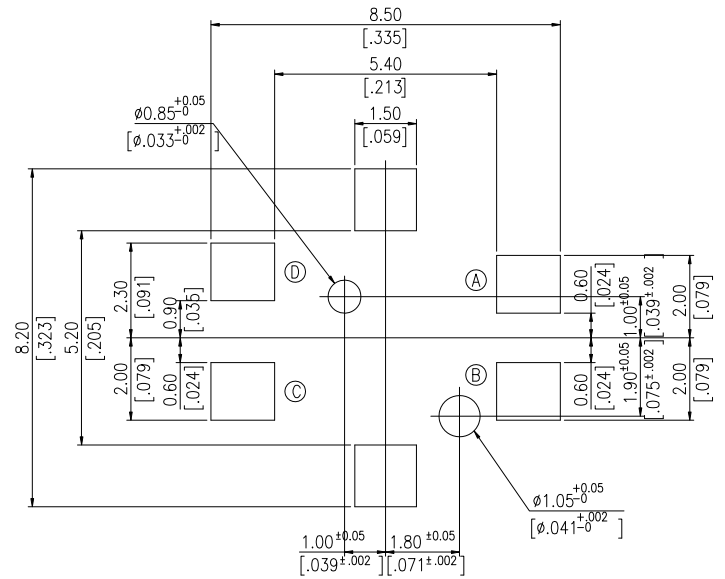


DIMENSIONS

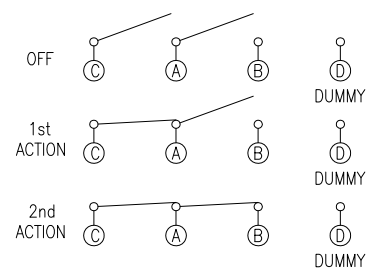
M2B-F



**P.C.B LAYOUT
(VIEW FROM THE DIRECTION A)**

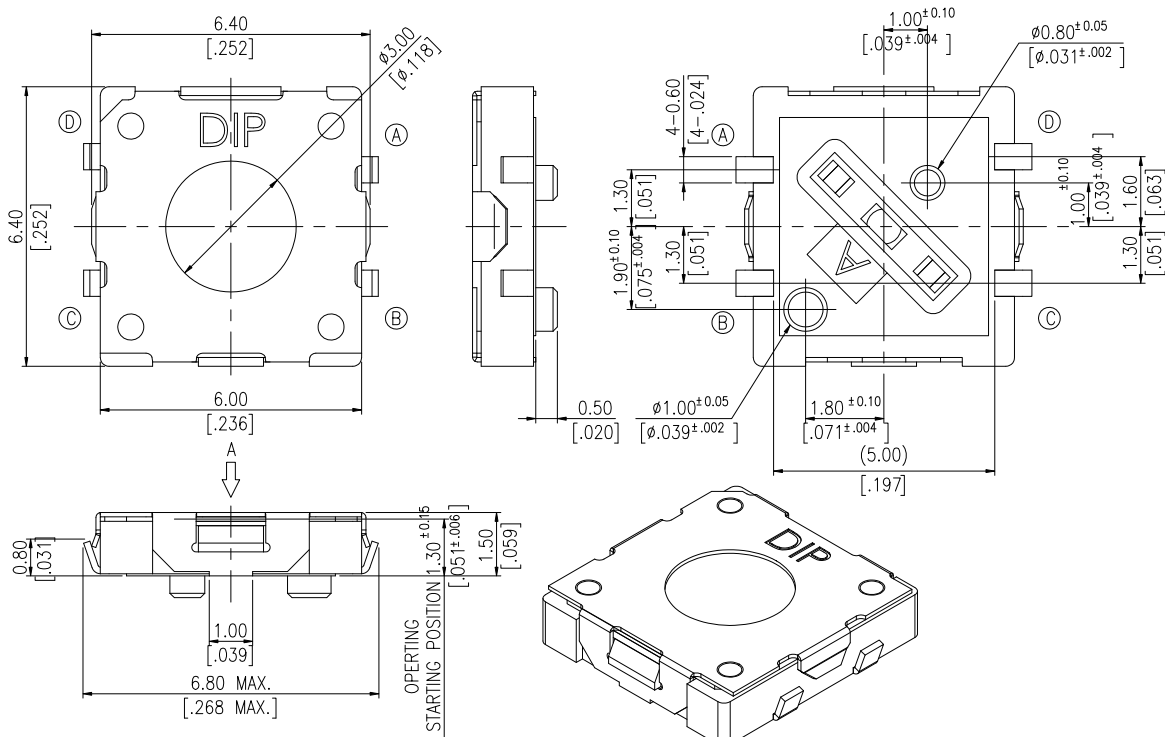


CIRCUIT

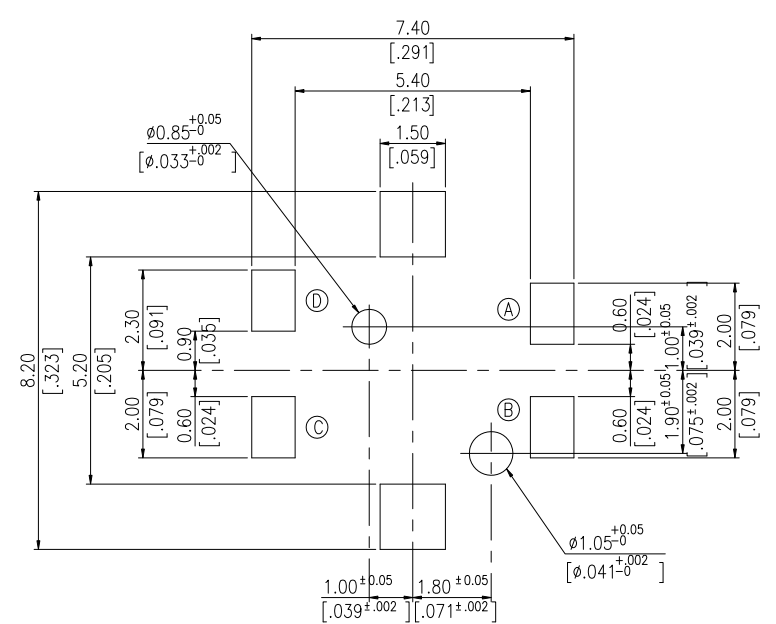


****GENERAL TOLERANCES MAX:±0.2mm.****

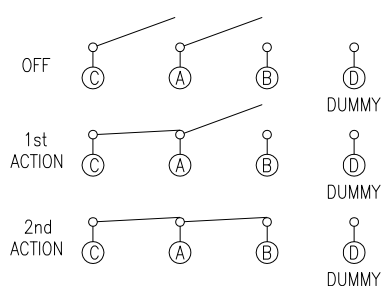
M2B-L



**P.C.B LAYOUT
(VIEW FROM THE DIRECTION A)**

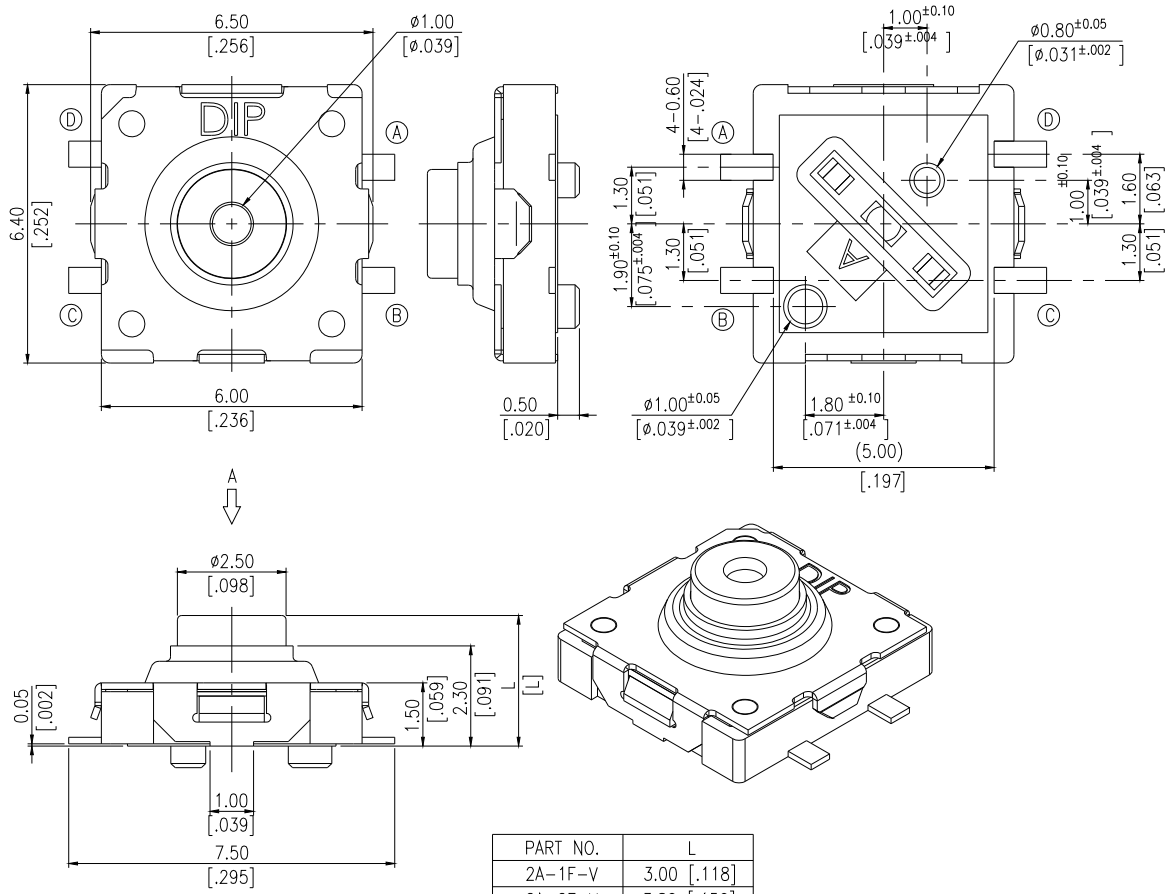


CIRCUIT



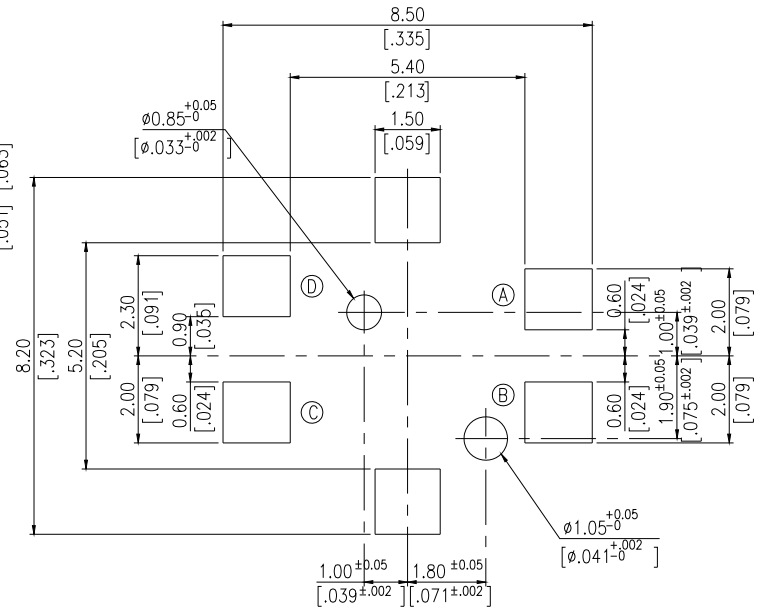
****GENERAL TOLERANCES MAX:±0.2mm.****

M2B-□F

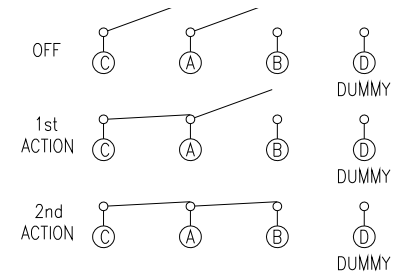


| PART NO. | L |
|----------|--------------|
| 2A-1F-V | 3.00 [0.118] |
| 2A-2F-V | 3.80 [0.150] |

**P.C.B LAYOUT
(VIEW FROM THE DIRECTION A)**

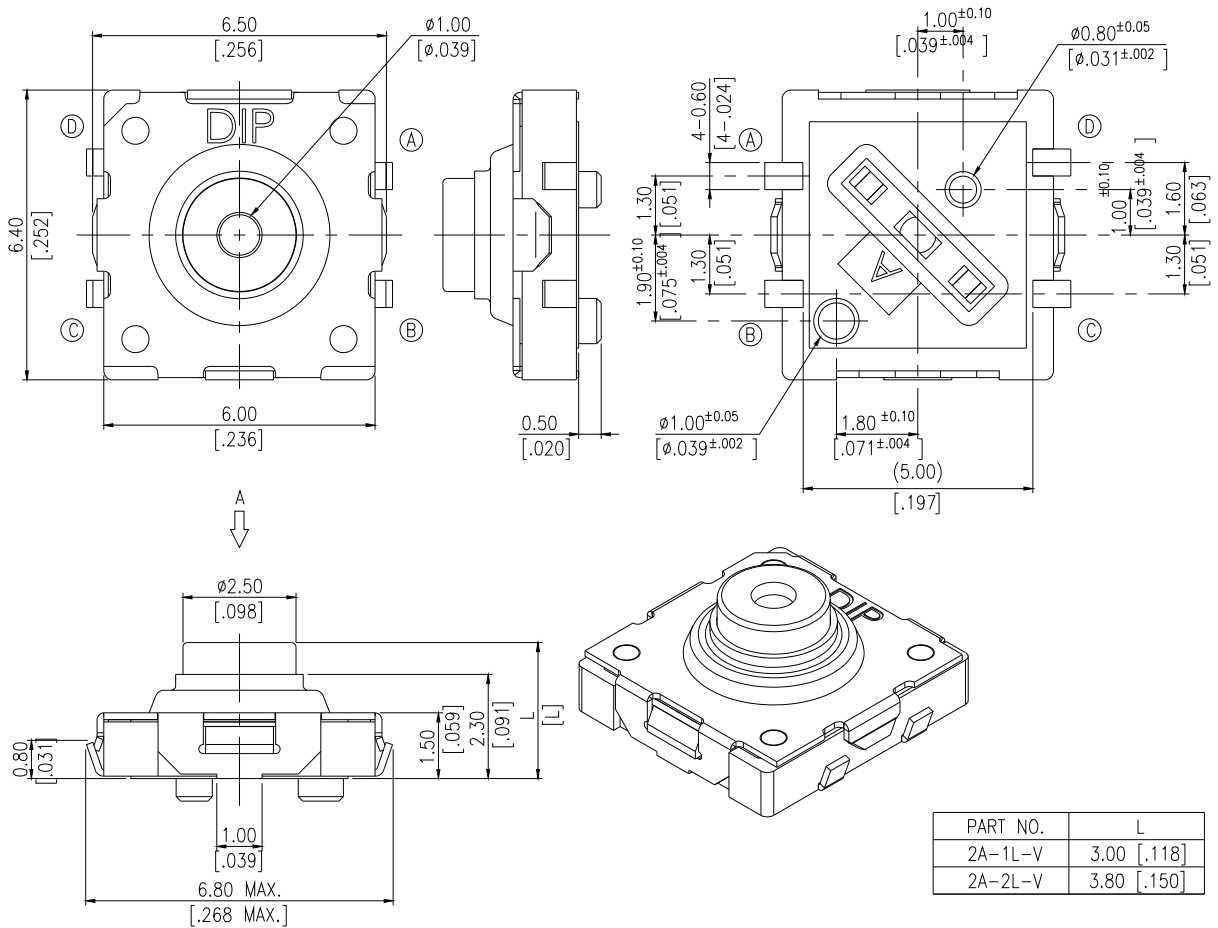


CIRCUIT



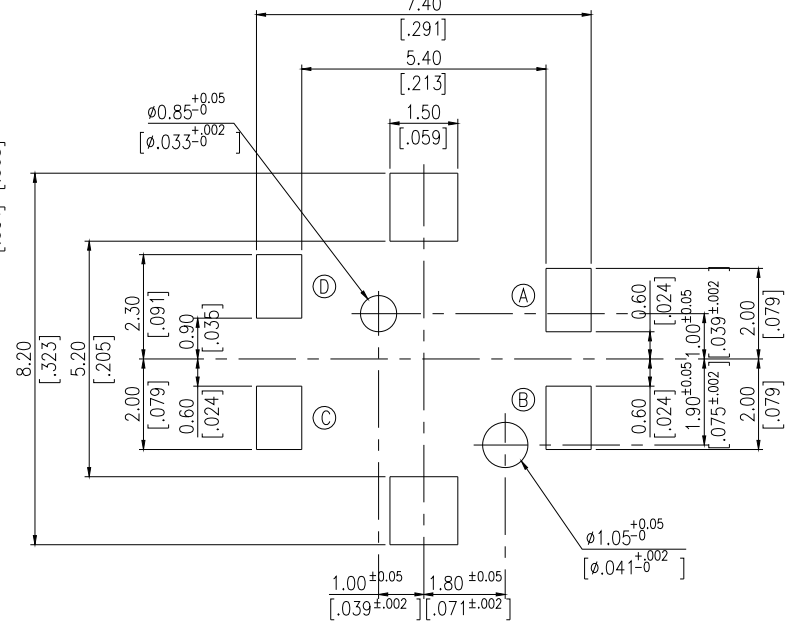
****GENERAL TOLERANCES MAX:±0.2mm.****

M2B-□L

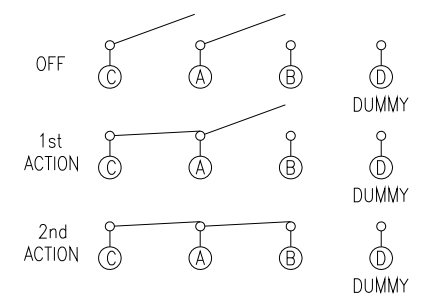


| PART NO. | L |
|----------|--------------|
| 2A-1L-V | 3.00 [0.118] |
| 2A-2L-V | 3.80 [0.150] |

**P.C.B LAYOUT
(VIEW FROM THE DIRECTION A)**



CIRCUIT



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

HOW TO ORDER

M2B - □ - □ - □ - □

Package Style:
T/R=Tape & Reel

Soldering:
V=Lead Free Solderable
Q=Halogen Free

Terminal Type:
F= Flat Terminal SMT Type
L= J Terminal SMT Type

□= Without Actuator

1= Actuator H:3.0mm

2= Actuator H:3.8mm

Double Action

SPECIFICATION

△MECHANICAL

Operation Force: 1st 100 ±50gf
2nd 260 +70gf / -50gf

Stroke: 1st 0.50 +0.10 / -0.20 mm
2nd 0.70 +0.10 / -0.30 mm

Operation Temperature: -25°C to +70°C

Storage Temperature: -30°C to +80°C

△ELECTRICAL

Electrical Life: 30,000 cycles

Rating: 50mA , 12VDC

Contact Resistance: 100mΩ max.

Insulation Resistance: 100MΩ min. at 100VDC

Dielectric Strength: 250VAC/1 minute

Contact Arrangement: 1 pole 2 throw

MATERIAL

△COVER: Nickel silver

△BASE: UL 94V-0 high-temp Thermoplastic
Color: Black

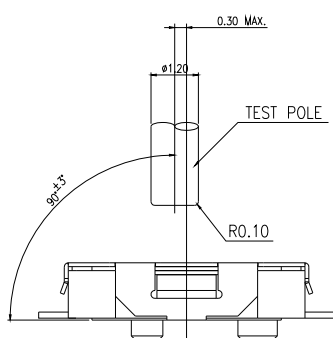
△DUSTCOVER: PTFE
Color: White

△CONTACT DISC: Stainless with silver cladding

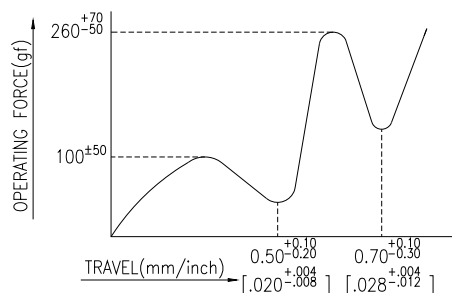
△TERMINAL: Copper alloy with silver plated

△SETM: UL 94V-0 high-temp Thermoplastic
Color: Black

RECOMMENDED OPERATING CONDITIONS



OPERATING FORCE - TRAVEL CHART

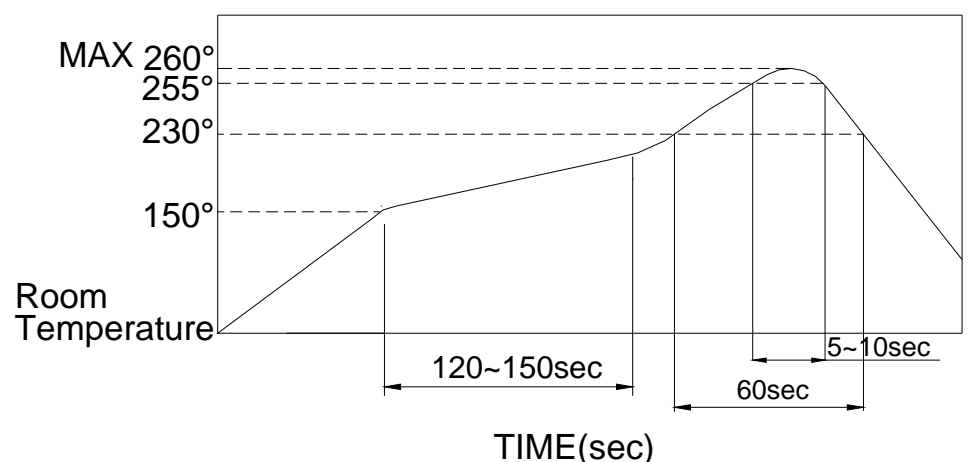


SOLDERING PROCESS

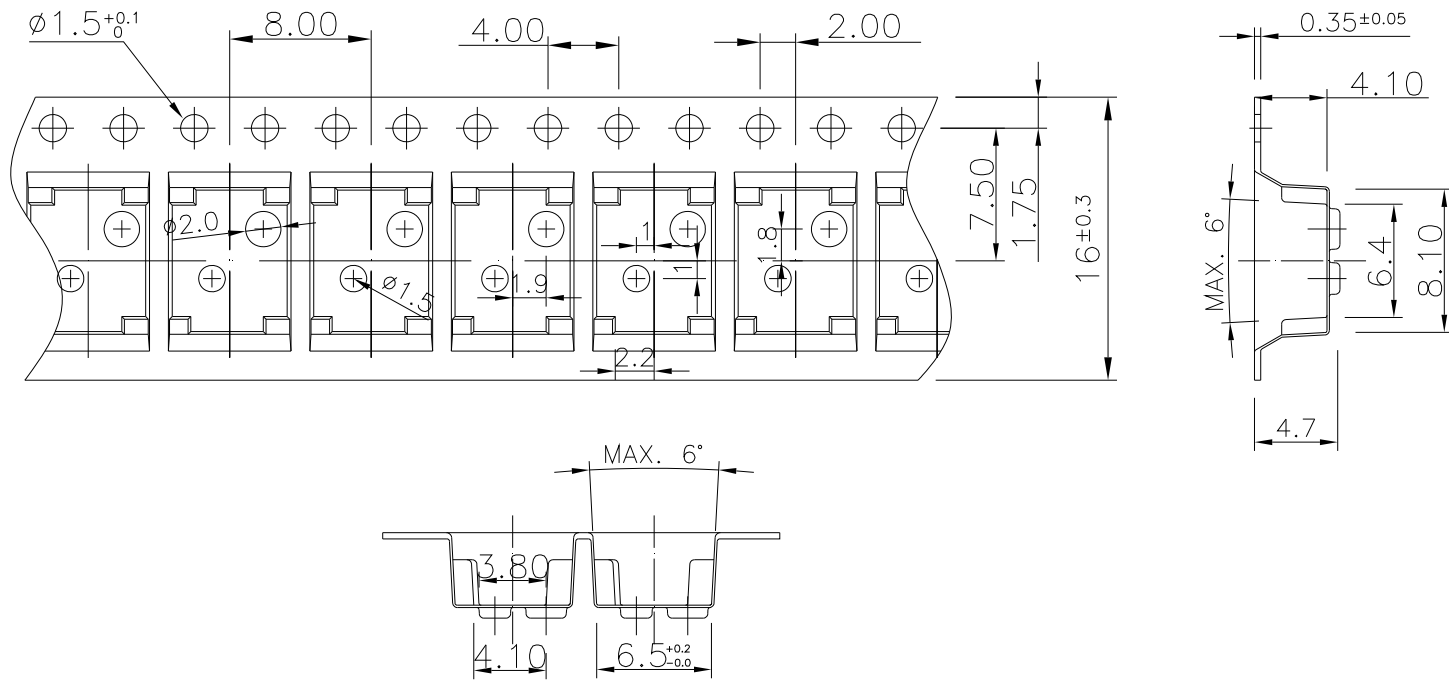
△HAND SOLDERING: Use a soldering iron of 30 watts, controlled at 350°C approximately max 5 seconds.

△Reflow Temperature Profile:

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



M2B-2F(L) REEL



****GENERAL TOLERANCES MAX:±0.1mm.****

****GENERAL TOLERANCES MAX:±0.1mm.****