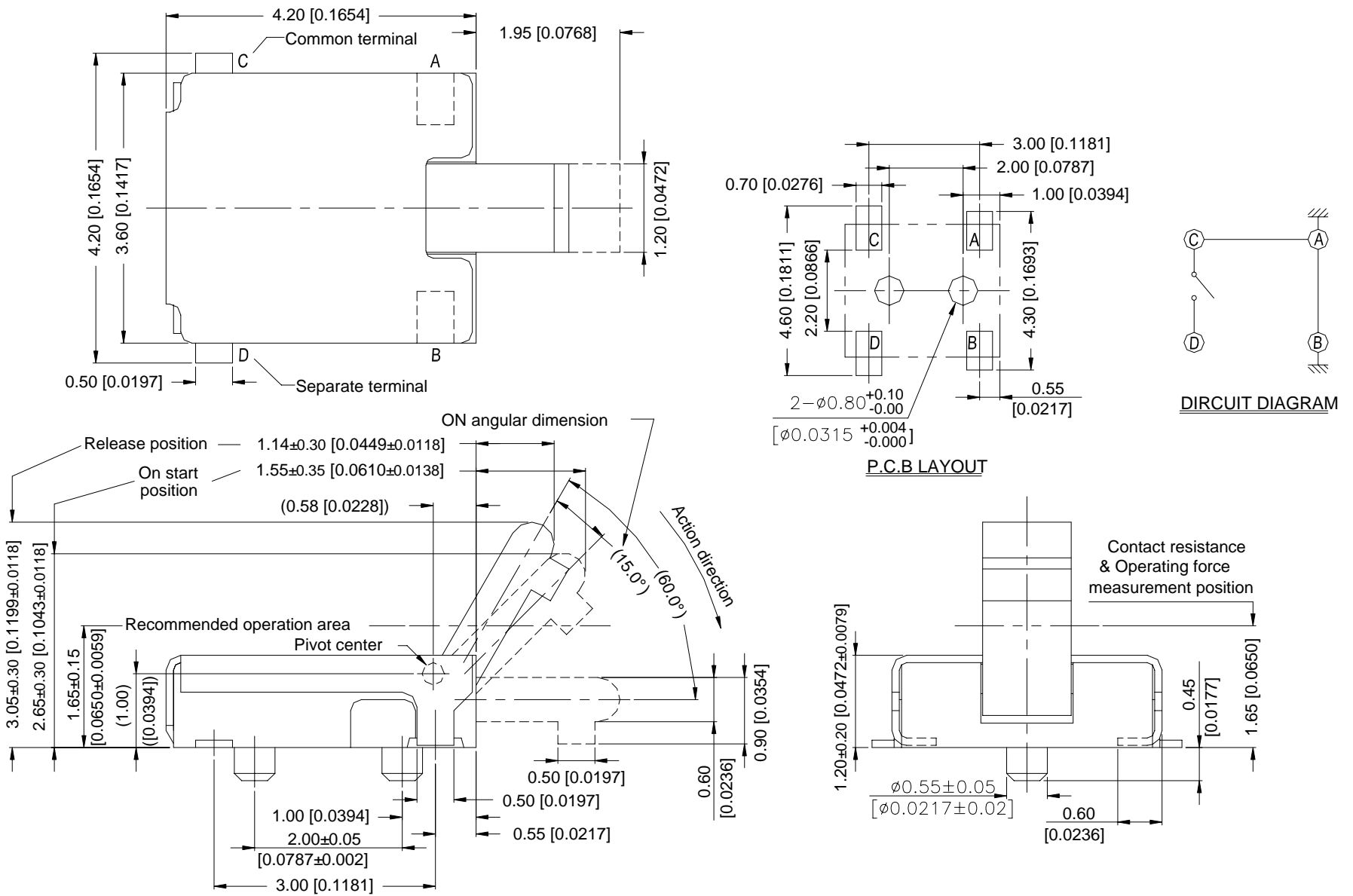


# TU SERIES

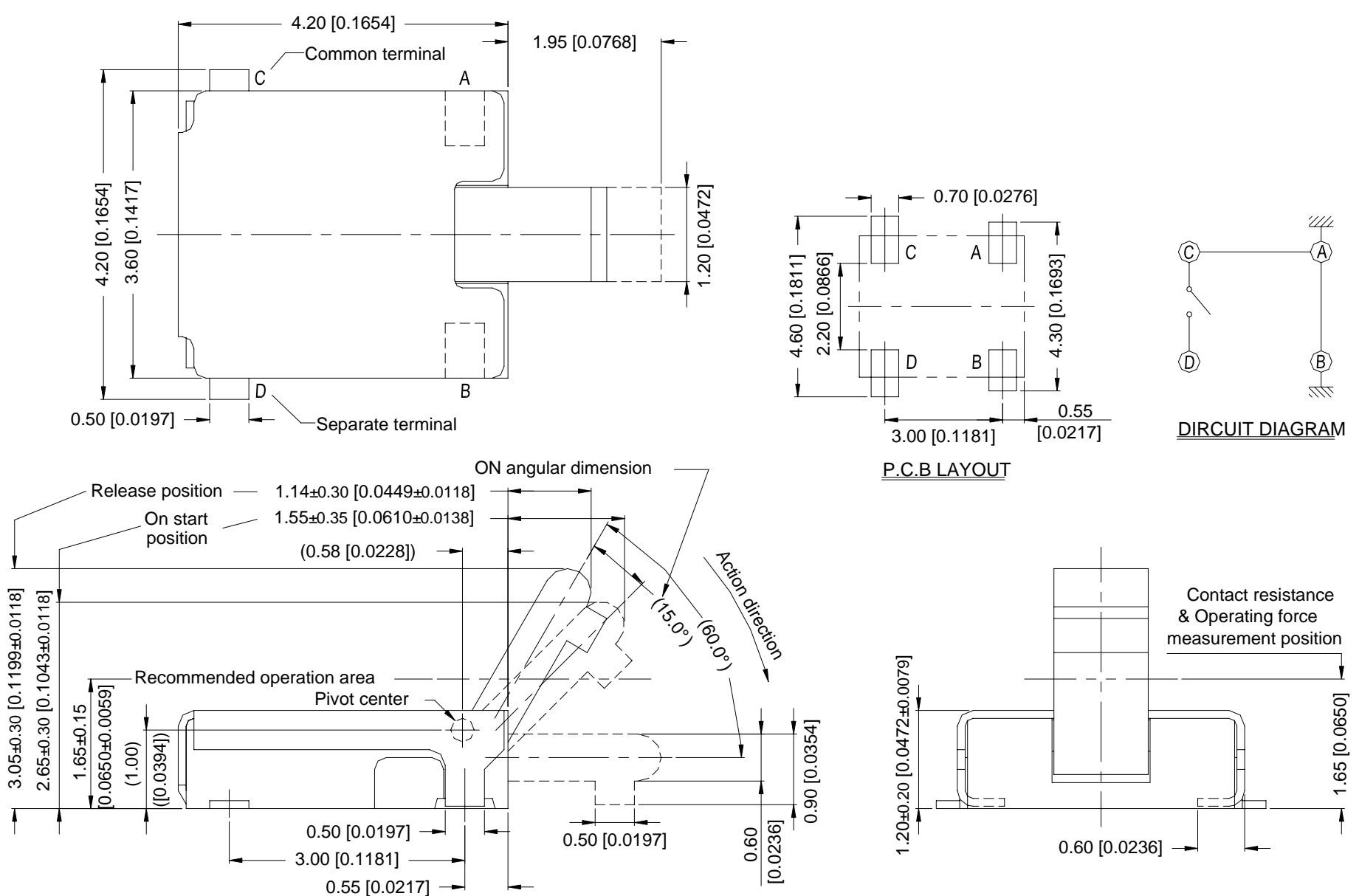
## DIMENSIONS

### TU-UCF-V



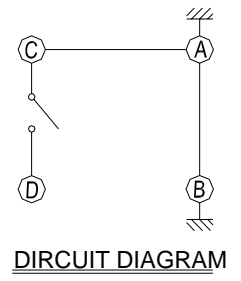
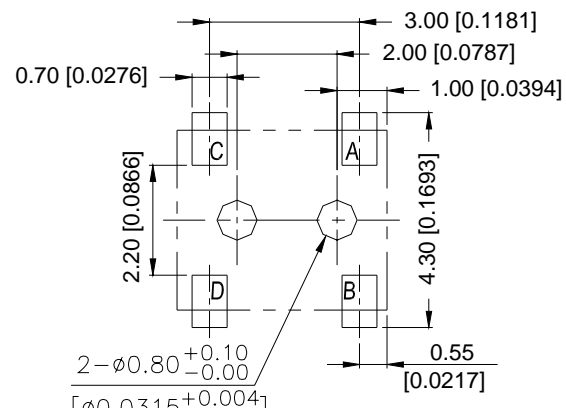
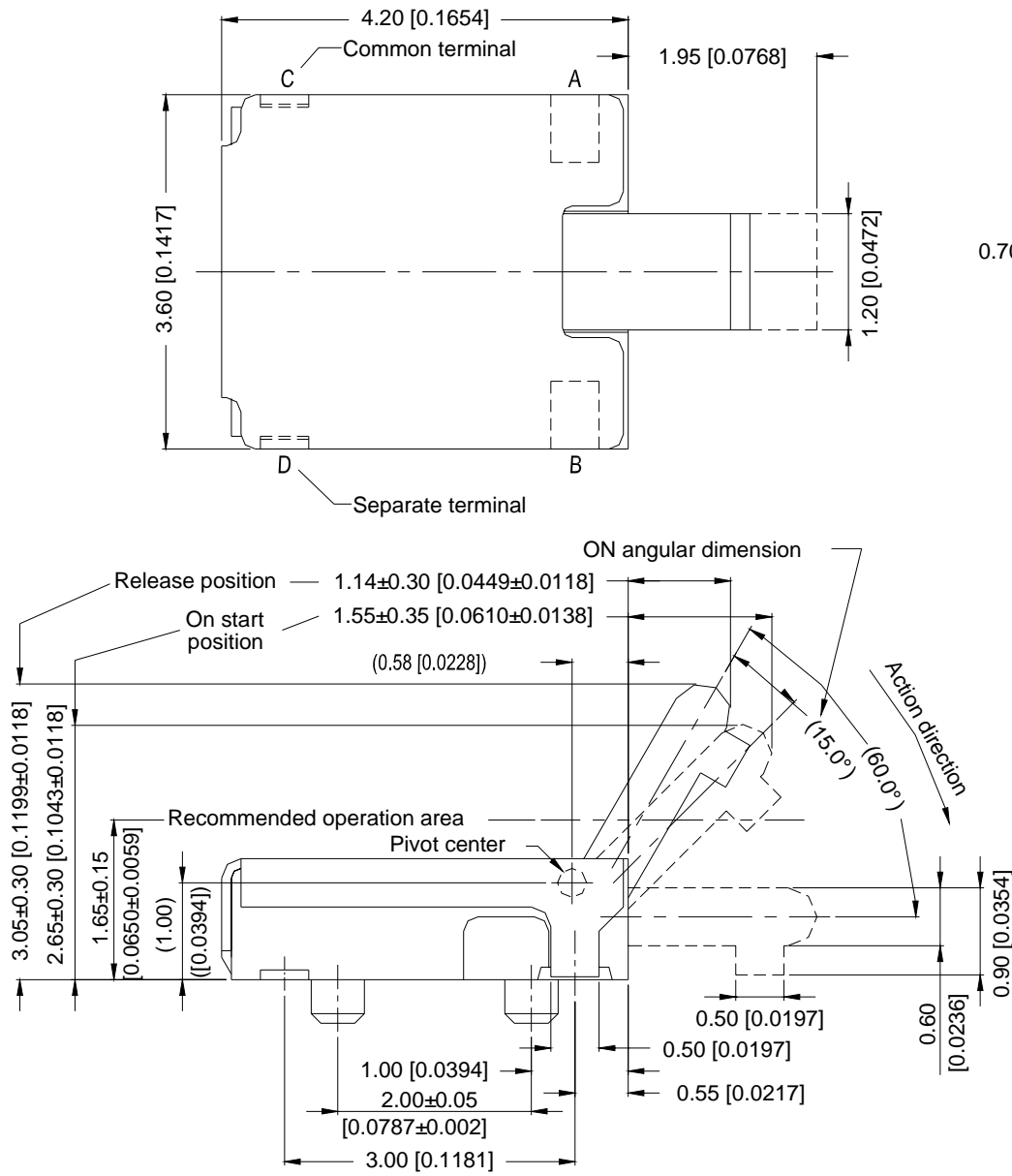
General Tolerance : ±0.2mm.

### TU-UF-V

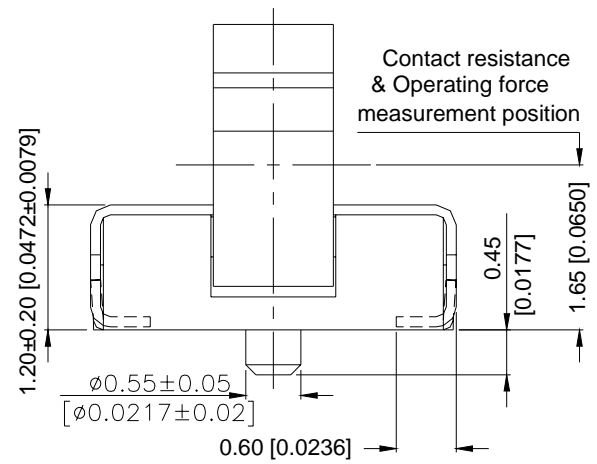


General Tolerance : ±0.2mm.

**TU-UCL-V**

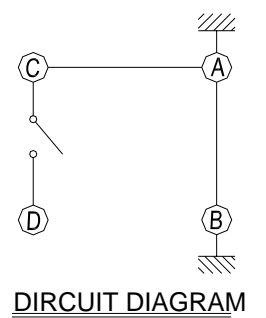
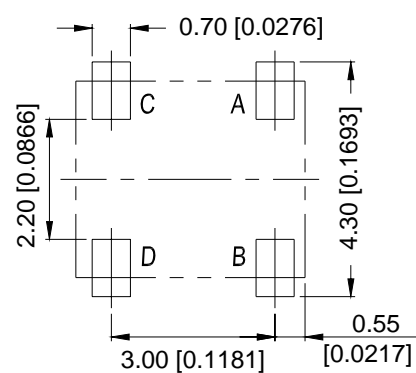
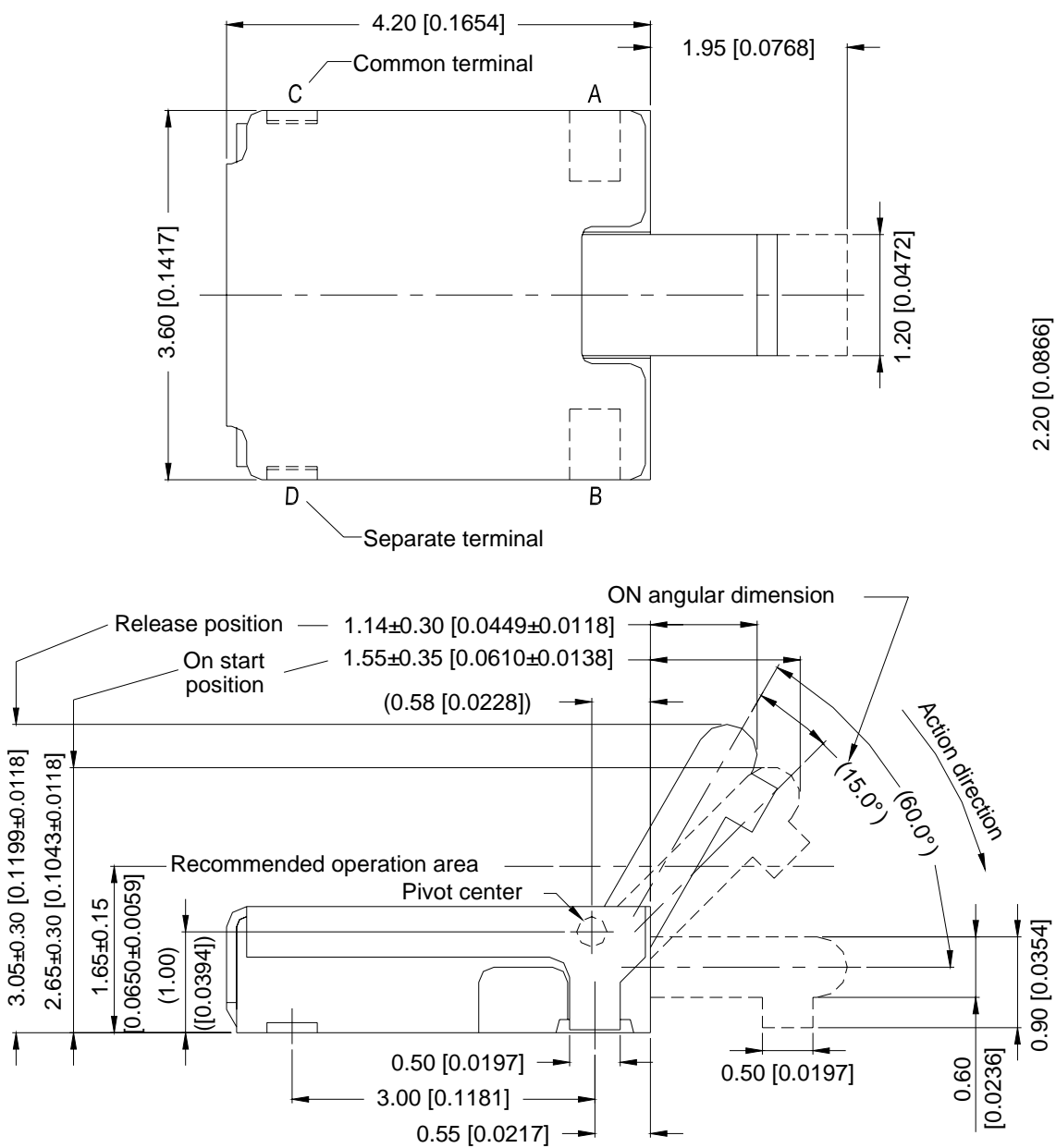


**P.C.B LAYOUT**

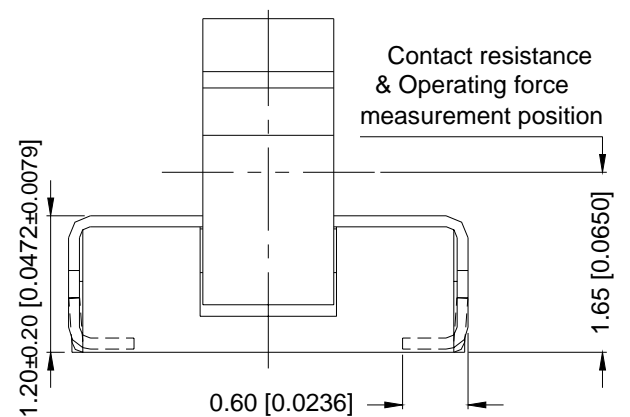


**General Tolerance : ±0.2mm.**

**TU-UL-V**



**P.C.B LAYOUT**



**General Tolerance : ±0.2mm.**

# HOW TO ORDER

T U - U □ □ - V - □

Package :  
T/R = Tape & Reel

V = Lead Free Solderable

Terminal Type :

F = Flat

L = Bending

C = With Post

□ = Without Post

U = Up lift

Detector Switch

## SPECIFICATION

### △MECHANICAL

Mechanical Life: 50,000 operations.

Operation Force: 40gf max.

Operation Temperature: -10°C to +60°C

Storage Temperature: -20°C to +70°C

### △ELECTRICAL

Electrical Life: 50,000 cycles.

Rating: 1 mA 5 V DC.

Contact Resistance: 1 Ω max.

Insulation Resistance: 100MΩ min

Dielectric Strength: 100V AC/1 minute.

Contact Arrangement: 1pole 1throw

## MATERIAL

△COVER : Nickel Silver

△STEM(1) : UL94V-0 PA9T High-Temp Thermoplastic.

Color: Black.

△STEM(2) : UL94V-0 PA9T High-Temp Thermoplastic.

Color: Black.

△CONTACT : Alloy Copper , gold plated.

△BASE : UL94V-0 PA9T High-Temp Thermoplastic.

Color: Black.

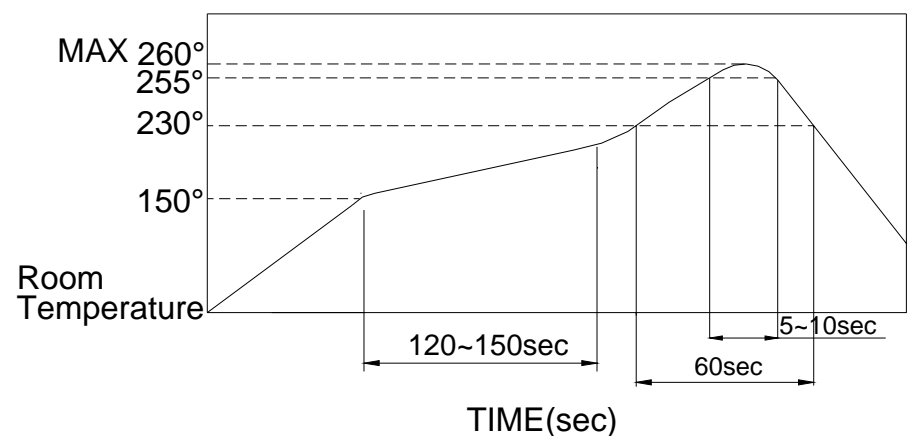
△TERMINAL : Brass , gold plated.

## SOLDERING PROCESSES

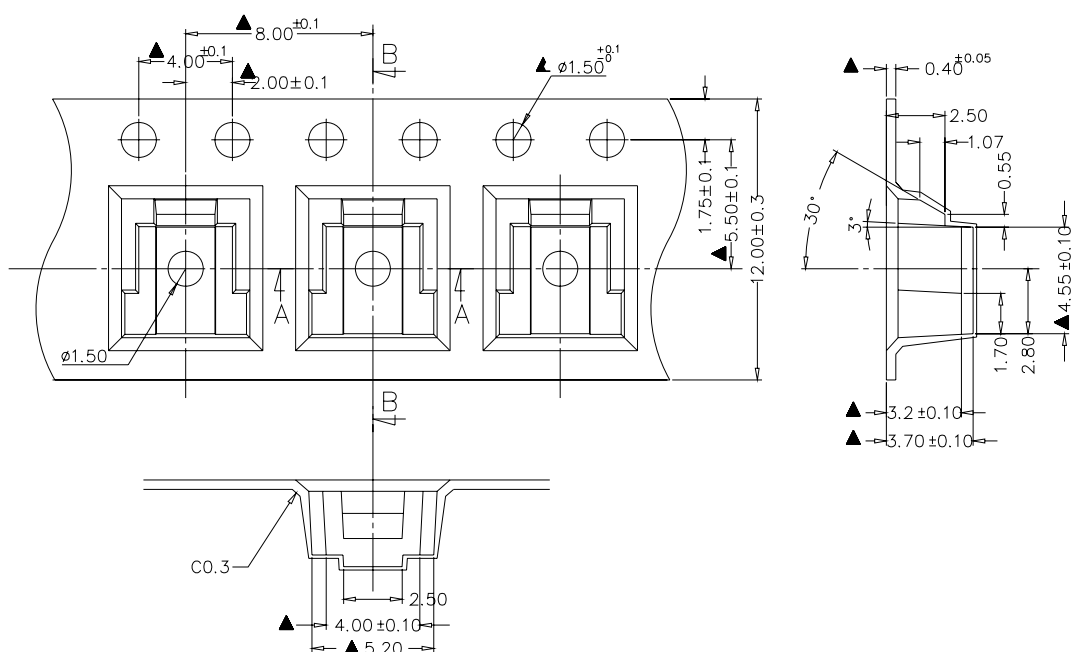
△HAND SOLDERING : Use a soldering iron of 30 watts, controlled at 350°C approximately max 5 seconds while applying.

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

△Reflow Temperature Profile:



## PACKING



Part Number	Number Per Tube	Number Per Reel
TU-□□□-V	-	2300

General Tolerance : ±0.1mm