

SPECIFICATION

△ MECHANICAL

Mechanical Life : 50,000 cycles.

**Operation Force : Slide 140±100gf
Push 360±120gf**

Stroke :

Slide 1.5±0.2mm

Push 0.8±0.2mm

Operation Temperature Range : -10°C to +60°C

Storage Temperature Range : -40°C to +85°C

△ ELECTRICAL

Rating : 5VDC 10mA

Contact Resistance: 1Ω max.

Insulation Resistance: 100MΩ min. at 100VDC

Dielectric Strength: 100VAC/1 minute

MATERIAL

△ Cover : Stainless Steel

△ Stem : Zinc Alloy

△ Contact : Copper Alloy

△ Spring : Stainless Steel

△ Base : High-Temp Thermoplastic LCP UL 94V-0

△ Terminal : Brass, With Silver Plating

△ Slider : High-Temp Thermoplastic Nylon UL 94V-0

△ Block : High-Temp Thermoplastic Nylon UL 94V-0

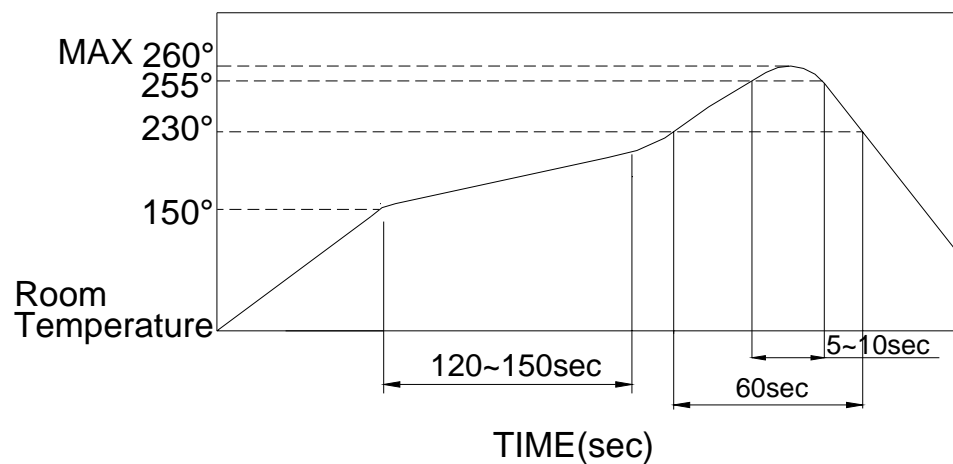
SOLDERING PROCESS

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

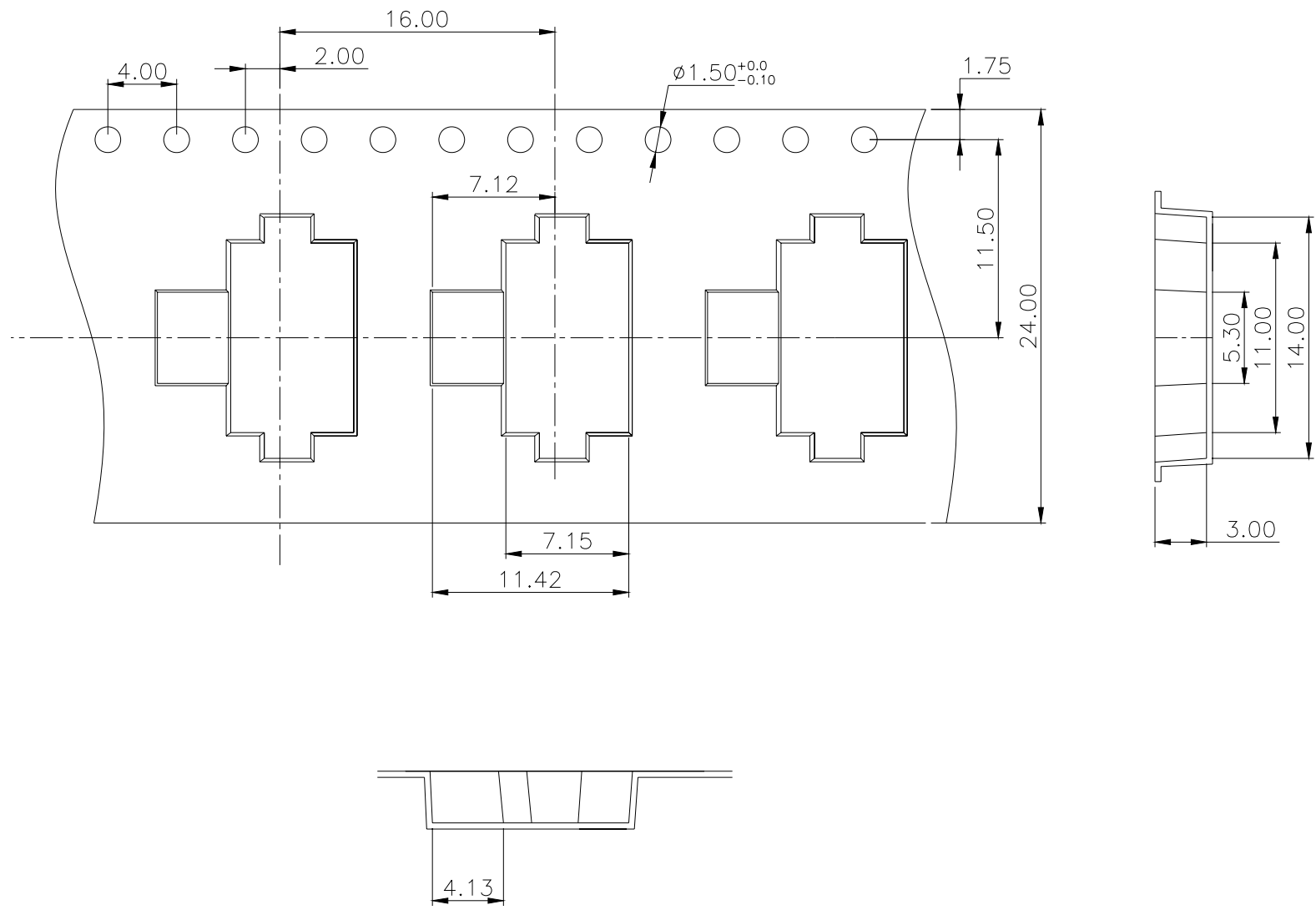
△ REFLOW SOLDERING: When applying reflow soldering, the peak temperature or the reflow oven should be set at 260°C max.

△ Any flux enters the switch may fail the conductivity.

△ Reflow Temperature Profile: (reference)



PACKING



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

Part Number	Number Per Tube	Number Per Reel
MSP14-Q	-	1100