



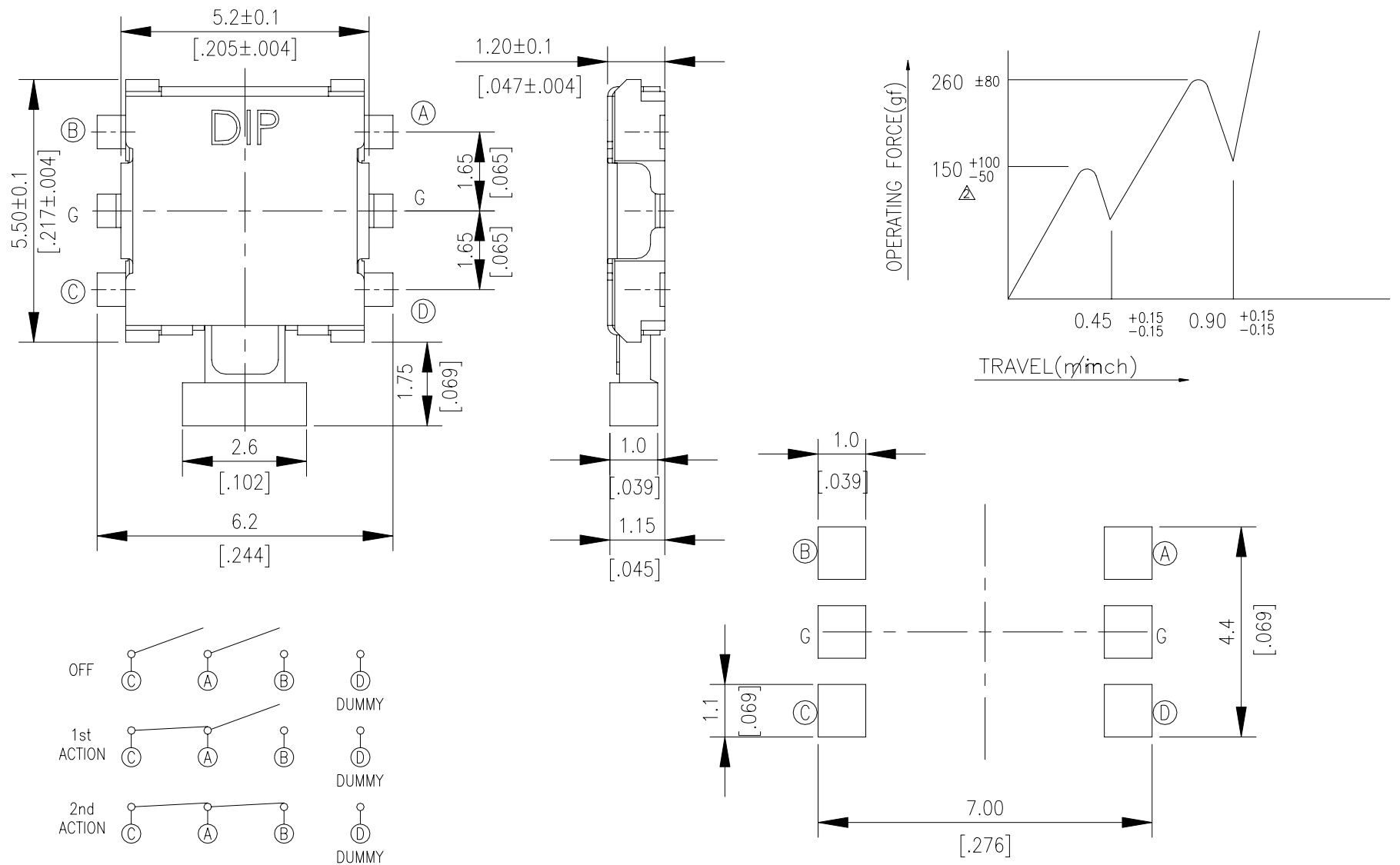
DIPTRONICS MANUFACTURING INC.

2AA SERIES



DIMENSIONS

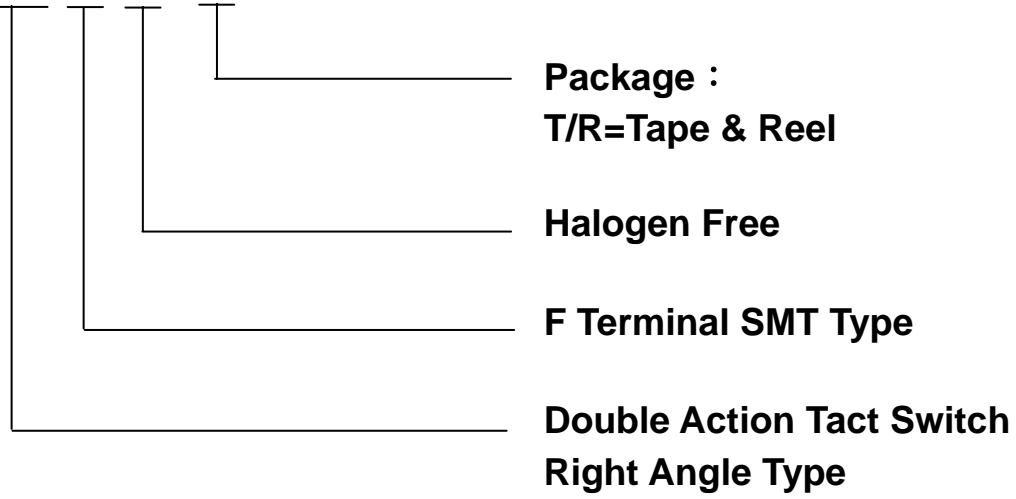
2AA



GENERAL TOLERANCES MAX: ± 0.2 mm.

HOW TO ORDER

2AA - F - Q - □



SPECIFICATION

△ MECHANICAL

Mechanical Life : 100,000 cycles.

Operation Force : 1st 150+100/-50gf
2nd 260±80gf

Stroke : 1st 0.45±0.15mm
2nd 0.90±0.15mm

Operation Temperature Range : -20°C to +70°C

Storage Temperature Range : -30°C to +80°C

△ ELECTRICAL

Electrical Life : 100,000 cycles

Switching 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

△ Terminal : Phosphor Bronze, With Silver Plating

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

△ Stem : High-Temp Thermoplastic NYLON UL 94V-0
Color : Black

△ Supressor : Stainless Steel

△ Spring : Stainless Steel

△ Tape : Kapton

△ Cover : Stainless Steel

△ CONTACT : Phosphor Bronze, With Silver Plating

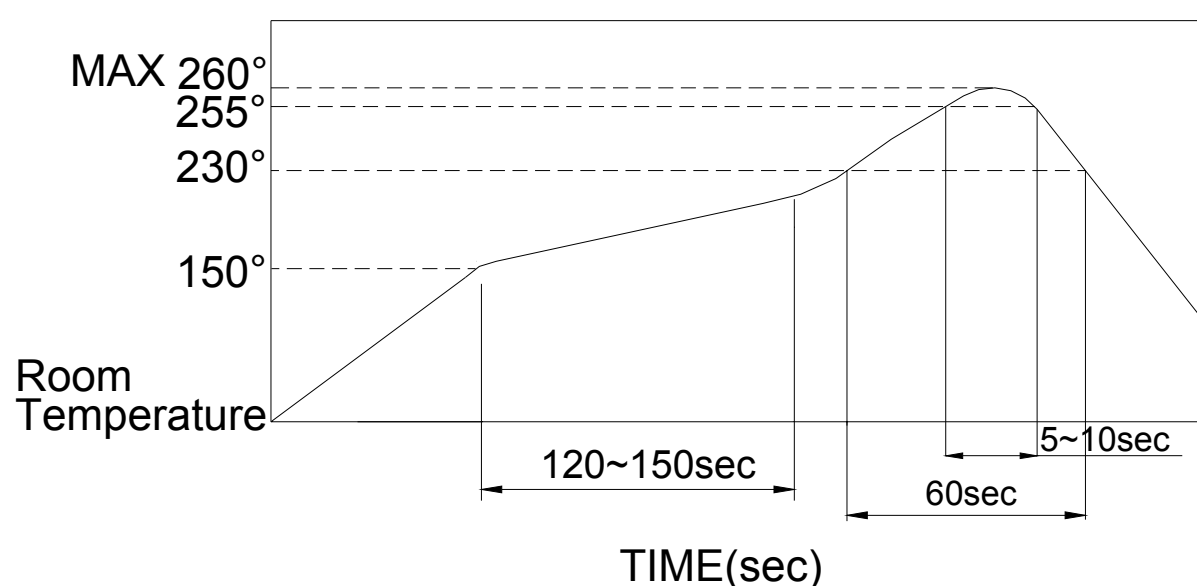
SOLDERING PROCESS

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

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

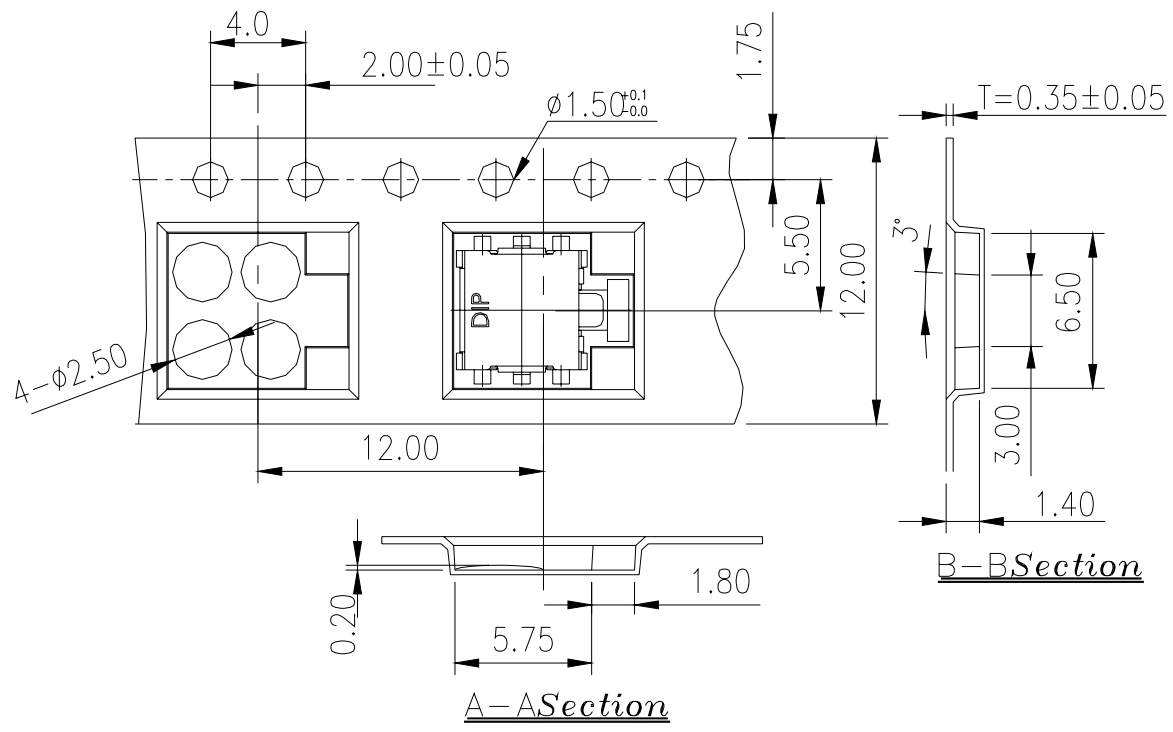
△ Any flux enters the switch may fail the conductivity.

△Reflow Temperature Profile: (reference)



PACKING

2AA CARRIER



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

Part Number	Number Per Tube	Number Per Reel
2AA	-	3000