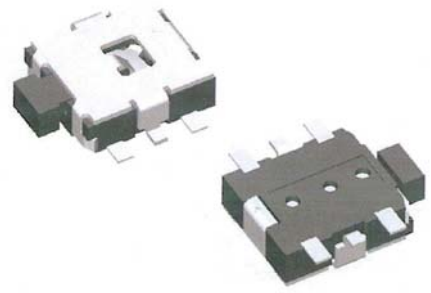
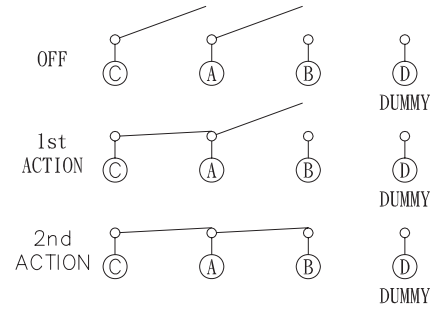
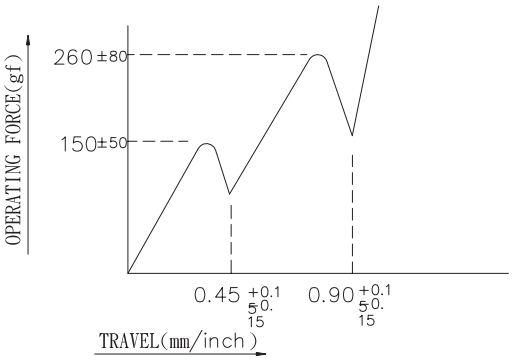
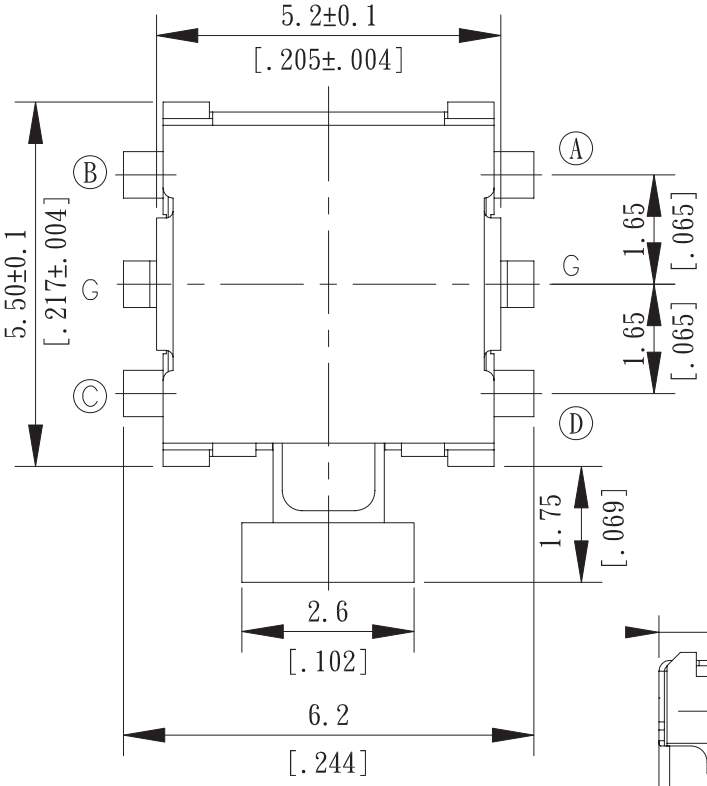
Multi-Direction Switches

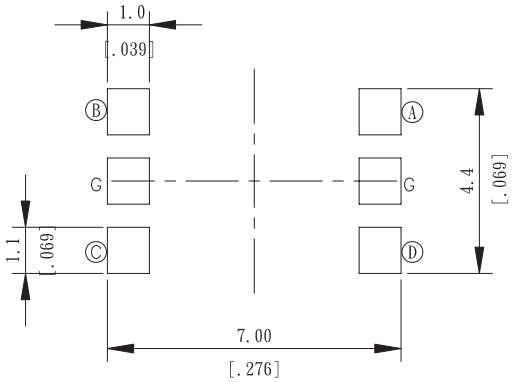
Right Angle Halogen-Free Double Action Switches — MB9 Series

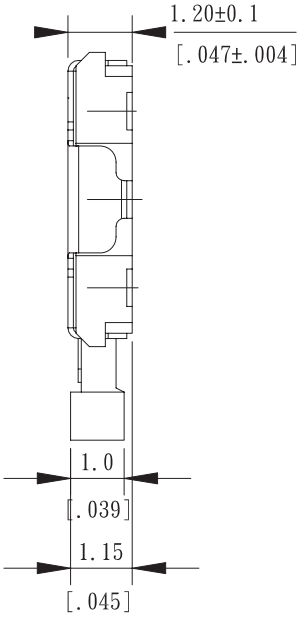












GENERAL TOLERANCES MAX: ± 0.2mm.

How to order:

MB9 [1] [2]

[1] TERMINALS:

S SMT Terminal Type

[2] PACKAGE:

TR Tape & Reel

Note:

> General Tolerance: +/-0.2mm
> Unit in mm and inch (bracketed)

SPECIFICATION:

Br < 900 ppm
Cl < 900 ppm
Br+Cl < 1500 ppm

MECHANICAL

Mechanical Life: 100,000 cycles
Operation Force: 1st 150±50gf
2nd 260±80gf
Stroke: 1st 0.45±0.15mm
2nd 0.90±0.15mm
Operation Temperature Range: -25°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

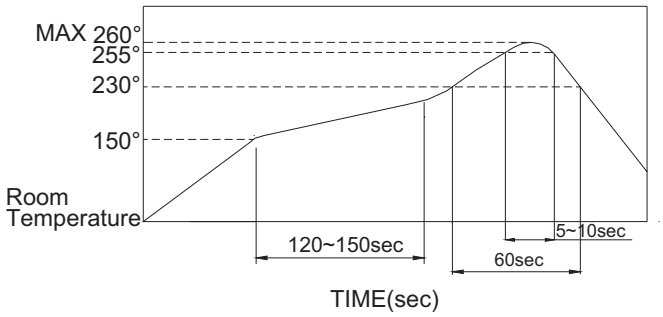
Halogen-free materials.
Terminal: Brass, with Silver Plating
Base: High-Temp Thermoplastic LCP UL 94V-0
Color: Black
Stem: High-Temp Thermoplastic NYLON UL 94V-0
Color: Black
Supressor: Stainless Steel
Spring: Stainless Steel
Tape: Kapton
Cover: Stainless Steel

SOLDERING PROCESS

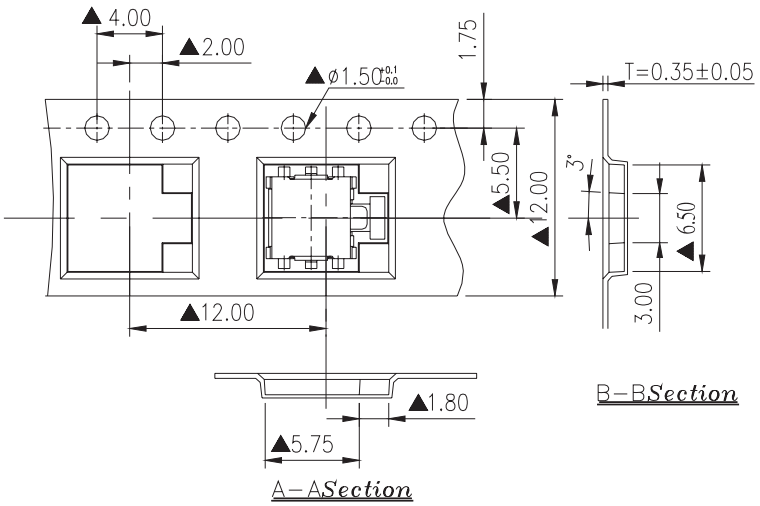
CLEANING:

1. Only Tape sealed types apply to wash process.
2. Do not remove the tape before wash process.
3. After soldering process, do not continue the wash process immediately. Please wait for at least 3 minutes.
4. Apply alcoholic solvents as cleaning agent do not use other solvents of water.
5. Ultrasonic cleaning is not recommended.
6. The cleaning process per stage is max. 1 minute and the whole cleaning time are not to exceed 3 minutes.
7. Do not impose any external force on switch while washing.

Any flux enters the switch may fail the conductivity.
Reflow Temperature Profile: (reference)



PACKING



Part Number	Number Per Tube	Number Per Reel
MP9	-	4000pcs./Reel

GENERAL TOLERANCES MAX: ± 0.1mm.