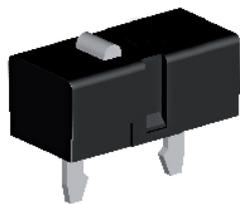


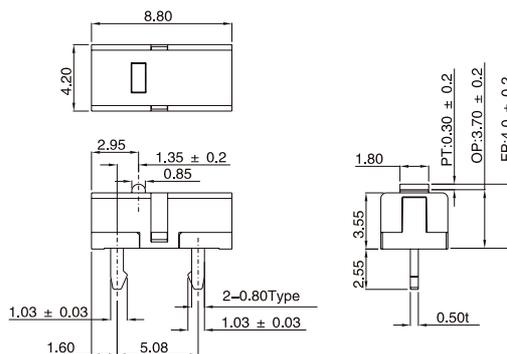
# Micro Switches

## Ultraminiature Micro Switches

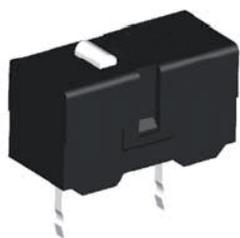
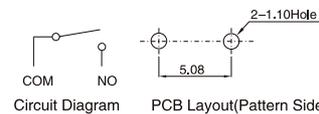
## MP8 Series



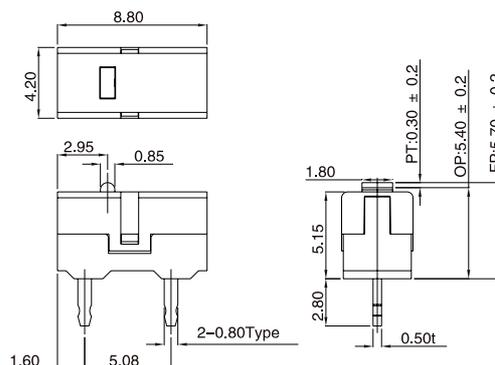
**MP8ECE0A40A**



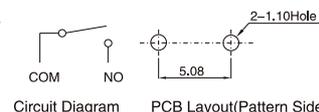
Rating: 50mA 12VDC  
 Operating Force: 80±15 gf  
 Mechanical Life: 1,000,000 cycles



**MP8EEG0A40A**



Rating: 50mA 12VDC  
 Operating Force: 80±15 gf  
 Mechanical Life: 1,000,000 cycles

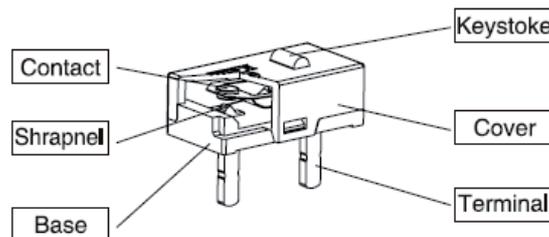


### GENERAL SPECIFICATIONS:

- > Rating: 0.1A 30VDC or 50mA 12VDC (See detail specs)
- > Contact Resistance: 100 mΩ Max.
- > Insulation Resistance: 100 MΩ at 500VDC
- > Dielectric Strength: 500VAC for 1 minute
- > Operating Force: See detail specs
- > Operating Life: See detail specs
- > Operating Temperature Range: -25°C to +80°C
- > Ambient Humidity: 85%RH Max.

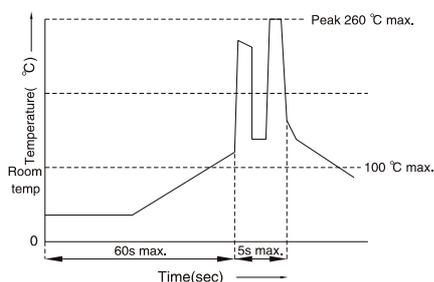
### MATERIALS:

- > Base, Cover & Keystroke: Nylon
- > Terminals: Brass silver plating
- > Contact: Silver alloy
- > Reed: Beryllium bronze

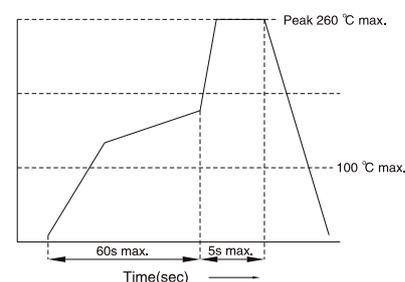


### SOLDERING CONDITIONS:

- > Hand Soldering: Use a soldering iron of 30W, controlled at 350°C approximately 3 seconds while solder applying.
- > Wave Soldering: The peak temperature of the wave oven should be set to 260°C Max. 5 sec. Max.
- > Reflow Soldering: The peak temperature of the wave oven should be set to 260°C Max. 5 sec. Max.



Wave Soldering



Reflow Soldering

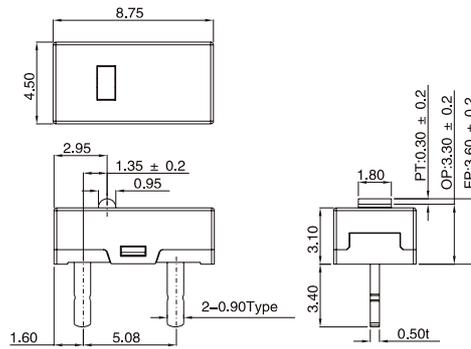
# Micro Switches

## Ultraminiature Micro Switches

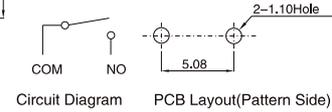
## MP8 Series



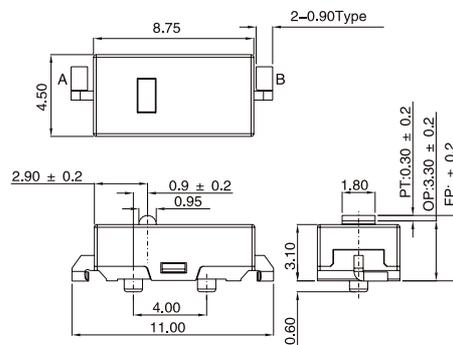
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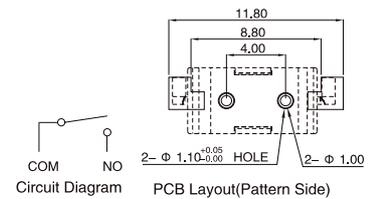
Rating: 0.1A 30VDC  
 Operating Force: 50-80 gf  
 Mechanical Life: 3,000,000 cycles



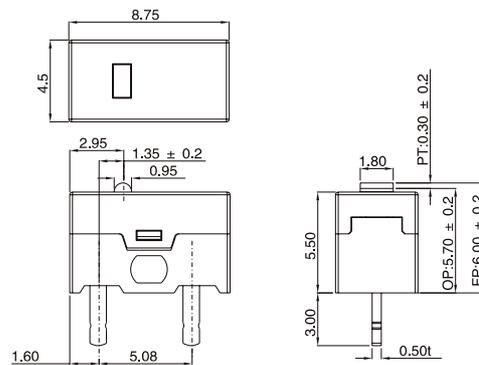
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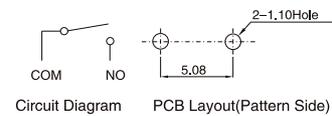
Rating: 0.1A 30VDC  
 Operating Force: 50-80 gf  
 Mechanical Life: 3,000,000 cycles



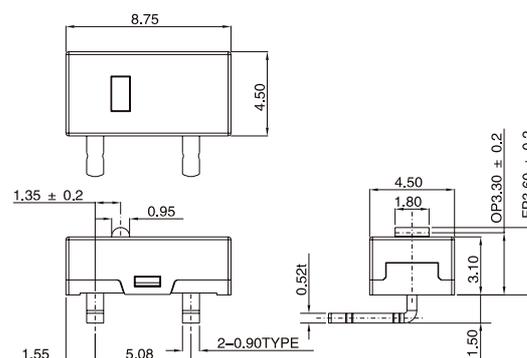
**MP8GEE0A40A**



Rating: 0.1A 30VDC  
 Operating Force: 50-80 gf  
 Mechanical Life: 3,000,000 cycles



**MP8GCA0A180A**



Rating: 0.1A 30VDC  
 Operating Force: 60±15 gf  
 Mechanical Life: 3,000,000 cycles

