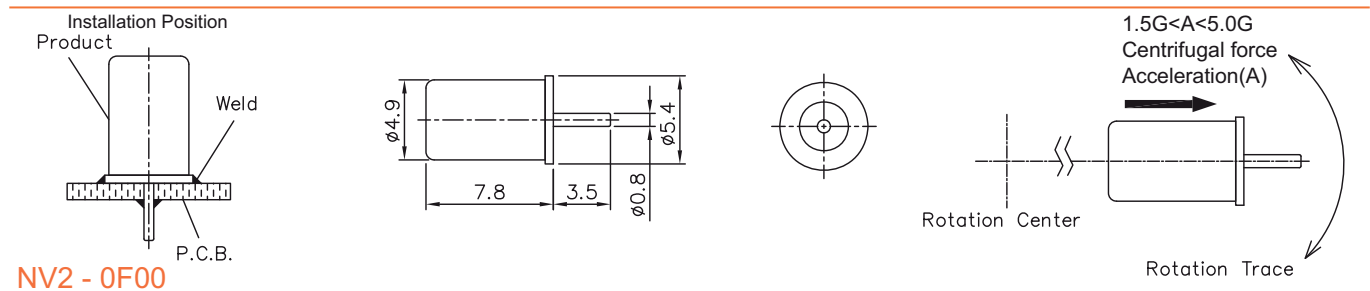




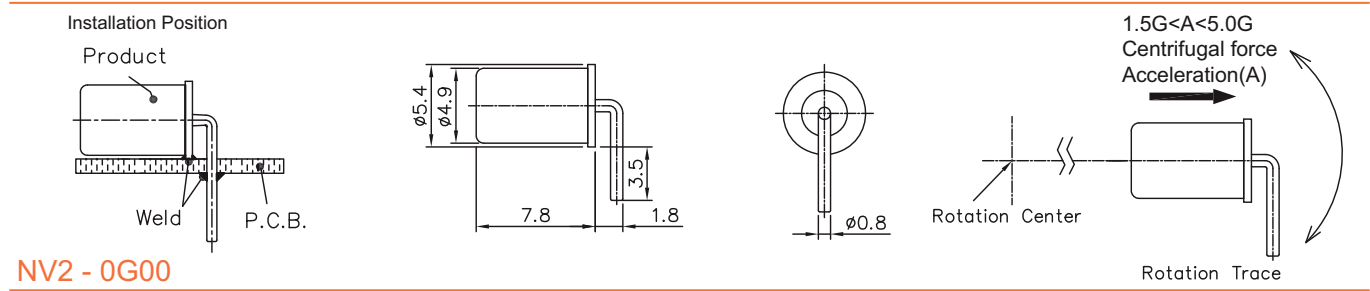
### Applications:

1. Single Axis Vibration Detecting: Step Counter
2. Centrifugal Force Detecting: Tire Pressure Monitoring System  
Elcetric Sawing Machine

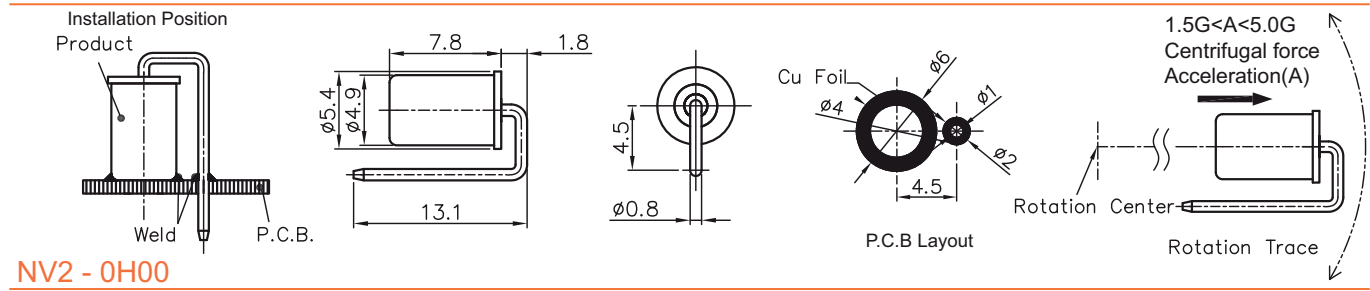
Dimensions/ Operation/ P.C.B. Layout (Unit: mm, Tolerance: ±0.25mm)



NV2 - 0F00



NV2 - 0G00



NV2 - 0H00

## GENERAL SPECIFICATIONS

### Features:

1. Small size & compact space.
2. With high-quality spring inside the housing.
3. Using Insert Molding Technology to increase strength between base and terminal.
4. All plastic material subject to industrial purpose meets high temperature and fireproof function.
5. Suitable to IC trigger signal.
6. Complete replacement of mercury switch and meet with environmental protection.

### Bill Of Material:

1. Housing: Copper Alloy, Tin or Gold Plated(3μ") over Nickel
2. Metal Cover: Copper Alloy, Tin or Gold Plated(3μ") over Nickel
3. Isolation Base: Glass-Fiber LCP, UL 94V-0
3. Terminal: Copper Alloy, Gold plated(3μ") over Nickel
4. Spring: Copper Alloy, Gold plated(3μ") over Nickel
5. Ball: Stainless steel, Gold Plated(3μ") over Nickel

### Electrical Characteristics:

1. Contact Rating: 25mA, 24VDC
2. Insulation Resistance: 1000M Ω min. At 100 VDC
3. Switching type: Normal Open (NO)
4. Dielectric Strength: 500 VDC min. for 1 minute
5. Capacitance: 5pF max

### Mechanical Characteristics:

1. Temperature Range:  
Operating: -25°C to +85°C (Tin Plated)  
-40°C to +85°C (Gold Plated)  
Storage : -40°C to +85°C (Tin Plated)  
-50°C to +150°C (Gold Plated)
2. Pull Force of Terminal: 500 gf for 1 minute
3. Operation Life: 100,000 Cycles (Tin Plated)  
1,000,000 Cycles (Gold Plated)
4. Vibration: Per MIL-STD-202F, Method 204D
5. Humidity: 95% RH, 40°C for 96 hrs.
6. Solder ability : After flux 230±5°C for 5±0.5 seconds  
95% coverage

### » NOTE

1. Suggestion Contact Rating: 5 mA.
2. For the continued product improvement as one of the company policy, specifications may change or update without notice. The latest information can be obtained through our sales offices. Normally, all products are supplied under our standard conditions.

### » PRECAUTIONS FOR USE

1. The product is used mainly in electronic devices such as automotive devices, visual devices, home electrical appliances, information devices and communication settings. If the products is intended to be used for other endurance equipments requiring higher safety and reliability such as life support system, space and aviations devices, disaster and safety system, it's necessary to make verification of conformity or contact us for the details before using.
2. Don't try to clean the switch with a solvent or similar substance after the soldering Prozess.
3. The switch might be damaged if using the water-soluble flux.
4. The switch might be apart if the soldering condition over specification.
5. Don't use the switch in the environment with high humidity or other bedewing possibility, as it may cause leaking among the terminals.
6. It might catch fire if the rating exceeds the specifications. Never use the switch beyond the Rating.

### PACKAGE (Minimum Order Quantity: One Bag)

	Part Number	Package	Quantity	Total	Size
1.	NV2-0F00	PE Bag	1,000 pcs	1,000 pcs	12.7 x 17.8 cm
	NV2-0G00	Inner Box	10 Bags	10,000 pcs	36 x 20 x 9 cm
	NV2-0H00	Carton	3 Boxes	30,000 pcs	36 x 28 x 23 cm