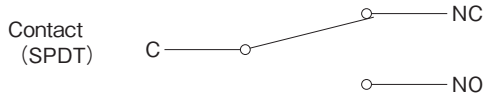
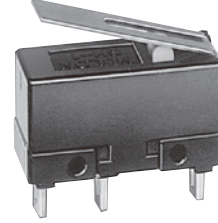


SH Micro Switch

Long Life, Ultra Miniature Switch

- In spite of its small size (7×13×6) 0.88g, this switch assures 300,000 operations (min.) Mechanical and 50,000 operations (min.) Electrical Life at 5A 250V.
- Offered with a choice of Solder, Printed circuit terminals for your various needs.



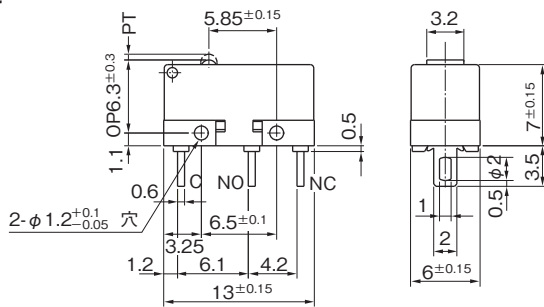
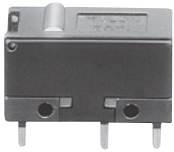
SPECIFICATION

Contact	Silver	Gold Plated Silver	W/E Alloy #1 Cross-bar
Electrical Rating	AC125V、250V 5A (Res. Load)		AC125V 0.1A、DC30V0.1A(Res. Load)
Insulation Resistance	More than 100MΩ, at DC 500V Megger		
Dielectric Strength	AC 1000V between NC and NO terminal AC 1500V between terminals and ground (Both 50/60Hz for 60 sec. at normal ambient temperature and humidity)		AC 600V between NC and NO terminal AC 1500V between terminals and ground
Contact Resistance	Less than 30mΩ (Initial) at DC6V1A	Less than 50mΩ (Initial) Milliohmmer	Less than 50mΩ (Initial) at DC6V 0.1A
* Withstand Shock	30G (min.)		
* Withstand Vibration	1.5mm double amplitude, frequency 10~55Hz in 2 hours		
* Operating Speed	0.5mm/sec~1m/sec		
Operating Frequency	200 times per min.		
Mechanical Life	30,000 operations (min.)		
Electrical Life	50,000 operations (min. at rated load)		100,000 operations (min. at rated load)
Ambient Temperature	-15°C~70°C		
Ambient Humidity	80%RH (max.)		

*Shows specifications for Pin Plunger type. Note: W/E Alloy #1 Cross-bar contact is not approved by UL or CSA.

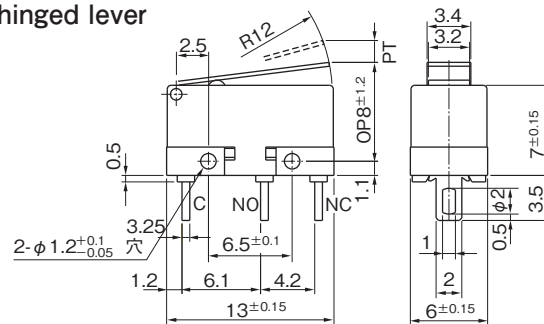
DIMENSIONS

●SH-1 Pin plunger



Type	Operating characteristics				
	OF (g) Max.	RF (g) Min.	PT (mm) Max.	OT (mm) Min.	MD (mm) Max.
SH-1	1.96N (200gfl)	0.29N (30gfl)	0.6	0.2	0.2

●SH-1L Standard hinged lever



Type	Operating characteristics				
	OF (g) Max.	RF (g) Min.	PT (mm) Max.	OT (mm) Min.	MD (mm) Max.
SH-1L	0.59N (60gfl)	0.07N (7gfl)	3.2	1	1

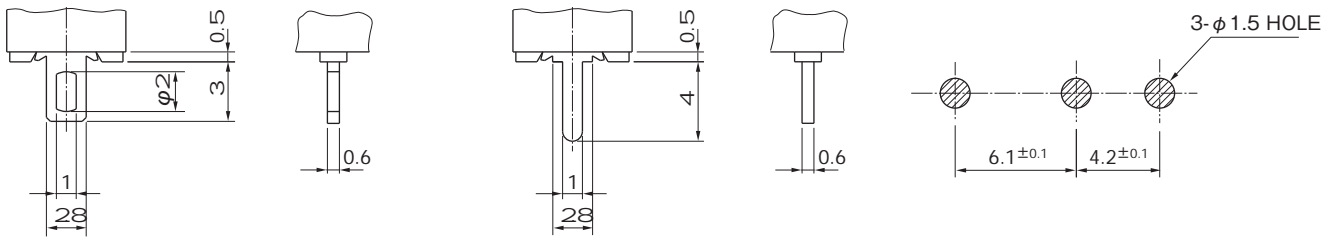
Tolerance : ±0.4mm

TERMINALS/DIMENSIONS

● Solder terminal : No mark

● Printed circuit terminal : Mark C

● PCB Layout



ORDERING CODE

SH - 1

● Terminals

None	Solder
C	P.C.B.

● Contact Materials

None	Silver
K	Gold plated silver
E	W/E alloy #1 cross-bar

● Actuator

None	Pin plunger
L	Standard hinged lever

HANDLING HINTS

1. When soldering iron of max. 40W for a maximum of 5 seconds on any terminals, be careful to ensure that the iron does not touch the switch body.
2. When fixing, use M1.2 screw and fix firmly.
3. When mouning on metal body, it is recommended to use insulation cloth between switch and panel.