

G304 (G-Type)

Sealed Clip Type Subminiature Micro Switch



Features

- ◆ Designed for water and dust tight (IP67)
- ◆ Small compact size
- ◆ Long life and high reliability
- ◆ Variety of levers
- ◆ Wide range of wiring terminals
- ◆ Widely used in automotive electronics,appliances and industrial control etc.
- ◆ Customized designs
- ◆ Slide structure
- ◆ Non short circuit conversion

Application

- ◆ Car
- ◆ Air-conditioner
- ◆ Communication
- ◆ Electric toothbrush
- ◆ Toys

Parameters

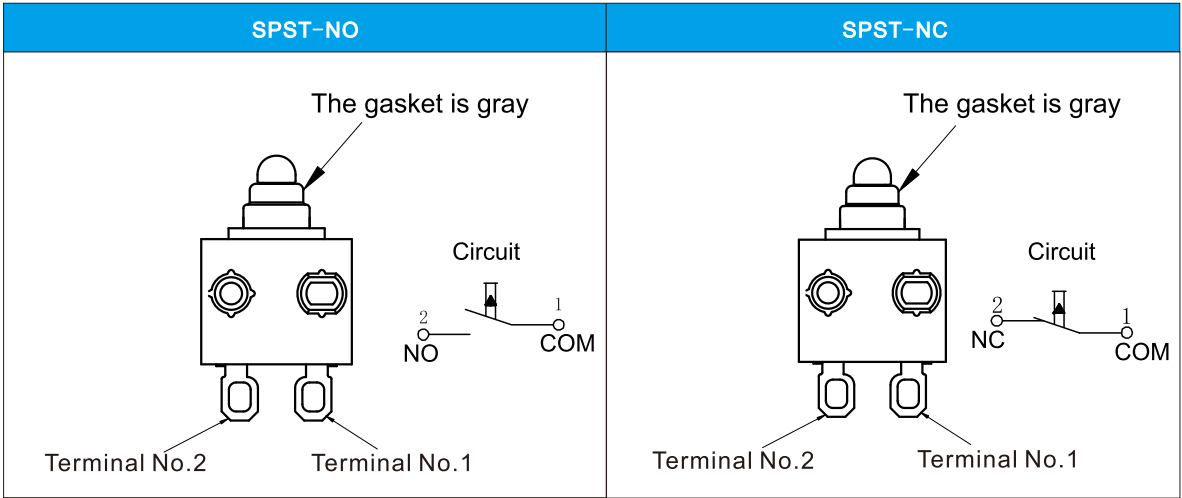
Operation Speed		1~500mm/s
Operating Frequency		120 cycles/min.
Insutation Resistance		≥100MΩ
Contact Resistance (Initial Value)	With terminals type	≤100mΩ
	With wires type	≤500mΩ (Standard wire length 300mm)
Voltage Resistance	Between terminals	AC500V, 50/60Hz, 1min.
	Between terminals and uncharged metal parts	AC1000V, 50/60Hz, 1min.
Vibration	No transformation action	10-55Hz (Double amplitude 1.5mm)
Service Life	Electrical	300,000 cycles (15 cycles/min.) DC12V 0.1A DC3V 50μA
	Mechanical	300,000 cycles (30 cycles/min.)
Protection Level		IEC IP67 (Except terminals)
Operating Temperature		-40~+85°C 60%RH Max. (No icing, no condensation)
Operating Humidity		95%RH Max. (+5~+35°C)

G304G-Type Series Micro Switch Ordering Instruction

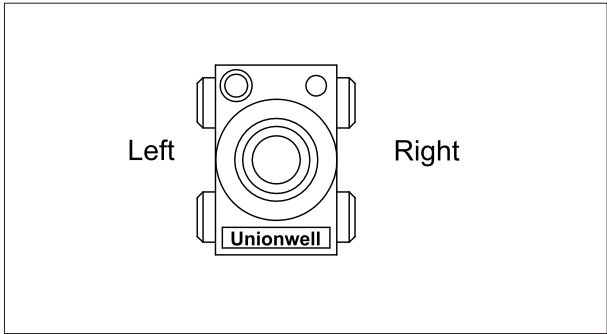
G3		04G		150		U		00		E		39	
Switch Type		Electrical Rating		Operating Forceat Pin Plunger		Terminal Type		Lever Type		Circuitry		Shape and Posts	
G3 Series-Micro Switch	04G	0.1A 12VDC 50μA 3VDC	80	80gf Max.	U	Left-right PCB Terminals	G Type Left Side PCB Terminals	00	No Lever Pin Plunger	E	Slide Type SPST-NO 1, 2	39	G Type W/O Post
	...	Other	150	150gf Max.	V	Solder Terminals 6# 7#	G Type Left Solder Terminals	...	Other	F	Slide Type SPST-NC 1, 2	40	G Type Left Posts
			...	Other	M	Short Solder Terminals 6# 7#	G Type Short Solder Terminals			...	Other	41	G Type Right Posts
					P	Straight PCB Terminals	G Type Straight PCB Terminals					42	G Type Two Sides Posts
					S	2.0 Short Solder Terminals with Hole6# 2.0	G Type Short Solder Terminals with Holes					44	G Type Revers Left Posts
					...	Other						48	G Type Ractangle one Side Posts
												...	Other

	G	A	280	B	T001	U
Posts Dimension	AWG Type (For wire type only)	AWG Number (For wire type only)	Wires Length	Type of Wires Outline	Custom Code	LOGO
Standard Posts: 2.60mmx5.0mm	W/O Molded Lead Wires	W/O Molded Lead Wires	300mm Length Standard Lead Wires 300mm	B Molded Lead Wires on Left Side	General	U Unionwell
G Φ2.6x1.5mm Posts.	... Other	A UL1007	280 280mm Length	C Molded Lead Wires on Right Side	Customized according to requirements, the code format is T+serial number XXX, for example: T001	... Other
H Φ2.6x2.0mm Posts.		C UL1430	... Other	E Molded Lead Wires on Bottom		
I Φ2.2x0.8mm Posts.		D UL1061		... Other		
K 7.3x1.2x1.2mm Posts.		E UL1330				
... Other		F AVSS			... Other	
		H UL1332				
		G UL3132				
		... Other				

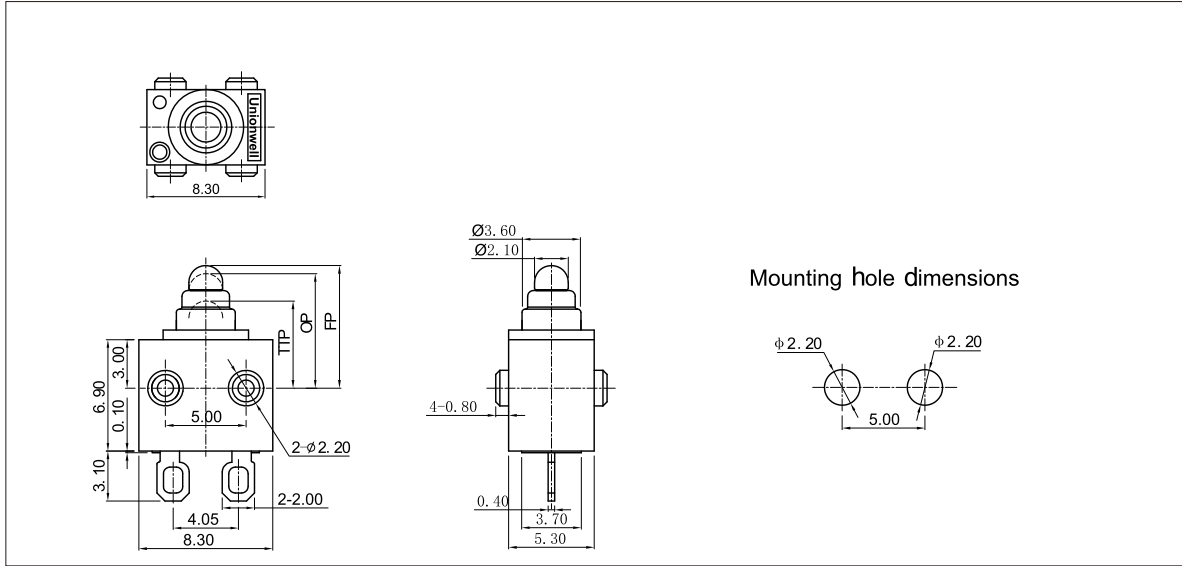
■ Circuit



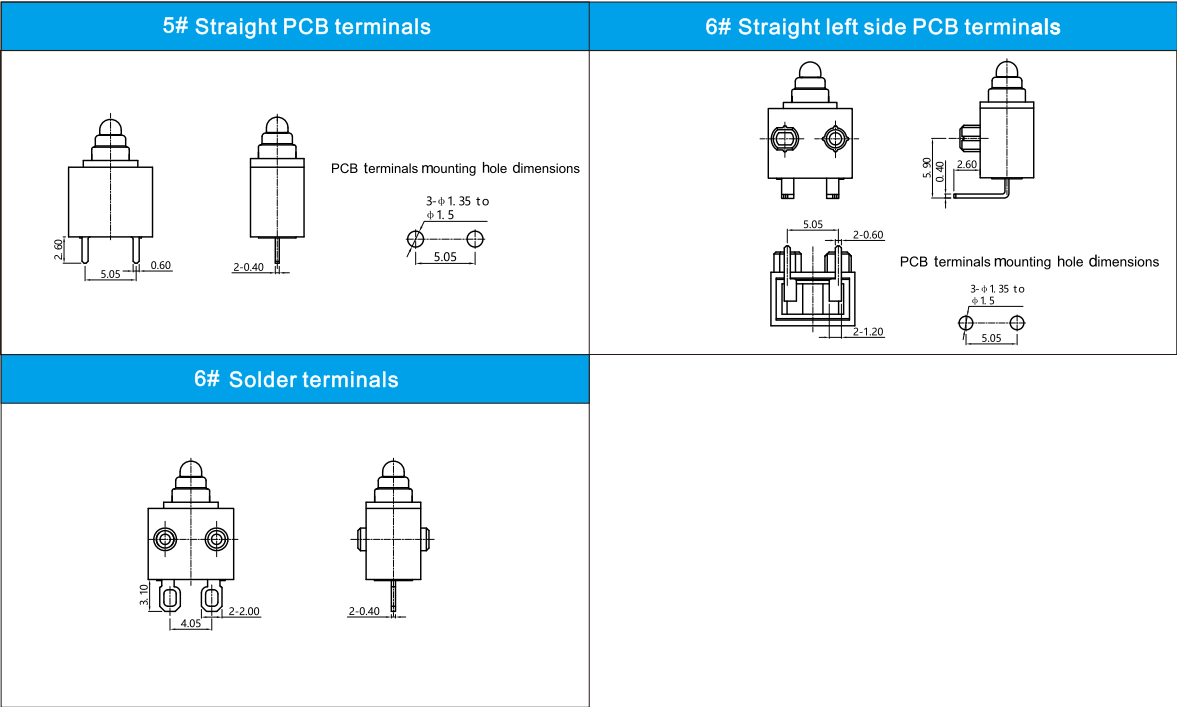
■ Post direction define



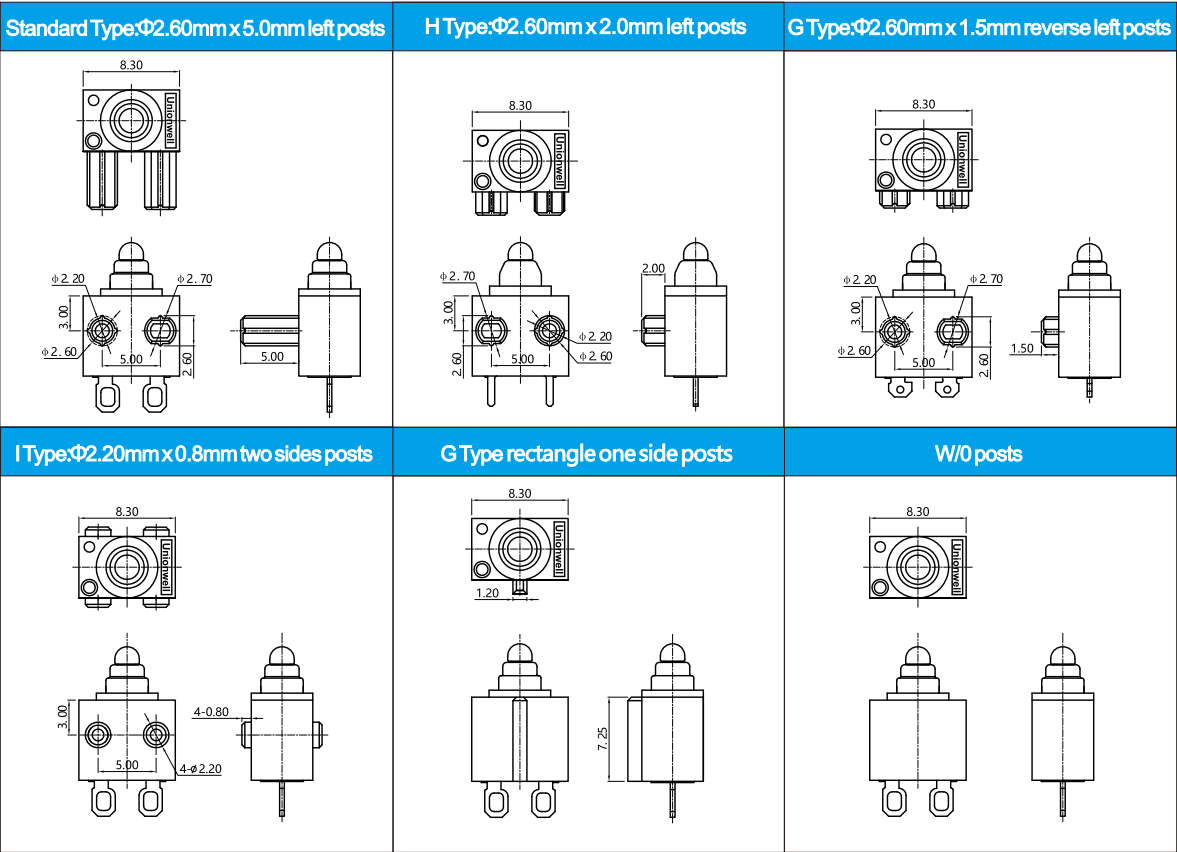
■ Basic Mounting Dimensions and Operating Characteristics



Switch Terminal Type(can be customized)

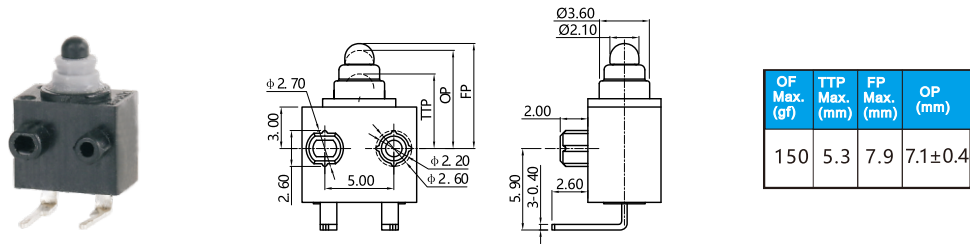


Posts Type

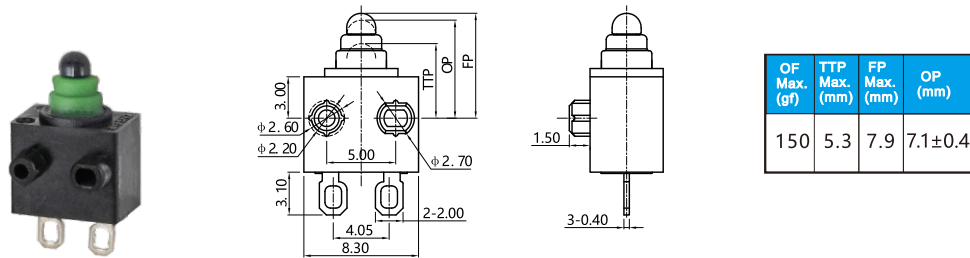


Dimensions and Operating Characteristics

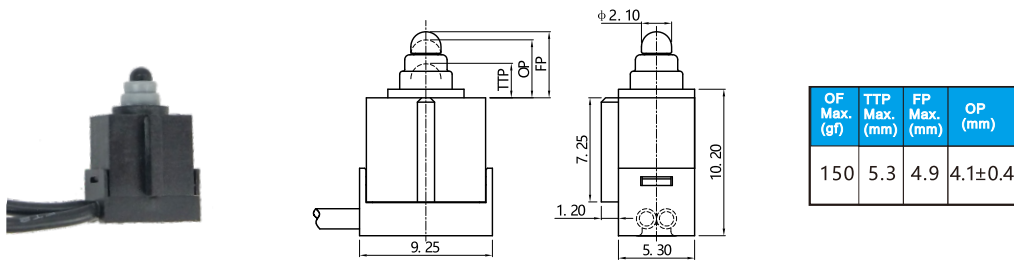
G304G-150U00E40HU



G304G-150V00F44GU



G304G-150M00E48-□□□□□BU



G304G-150M00E40H-□□□□□CU

