

## G304 (F-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

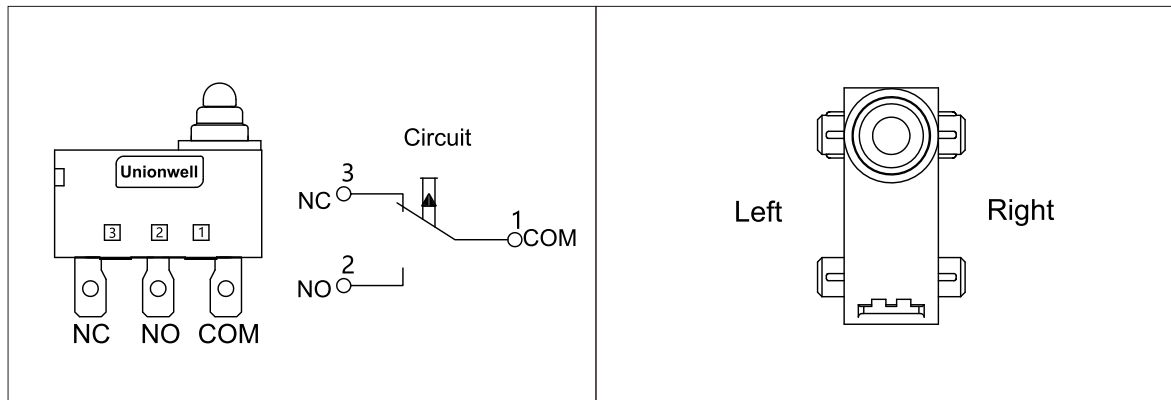
Operation Speed		1~500mm/s
Operating Frequency		120 cycles/min.
Insulation Resistance		≥100MΩ
Contact Resistance (Initial Value)	With terminals type	≤100mΩ
	With wires type	≤500mΩ (Standard wire length 300mm)
Voltage Resistance	Between terminals	AC500V, 50/60Hz, 1min.
	Between terminals and uncharged 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)

#### G304 F - Type Series Micro Switch Ordering Instruction

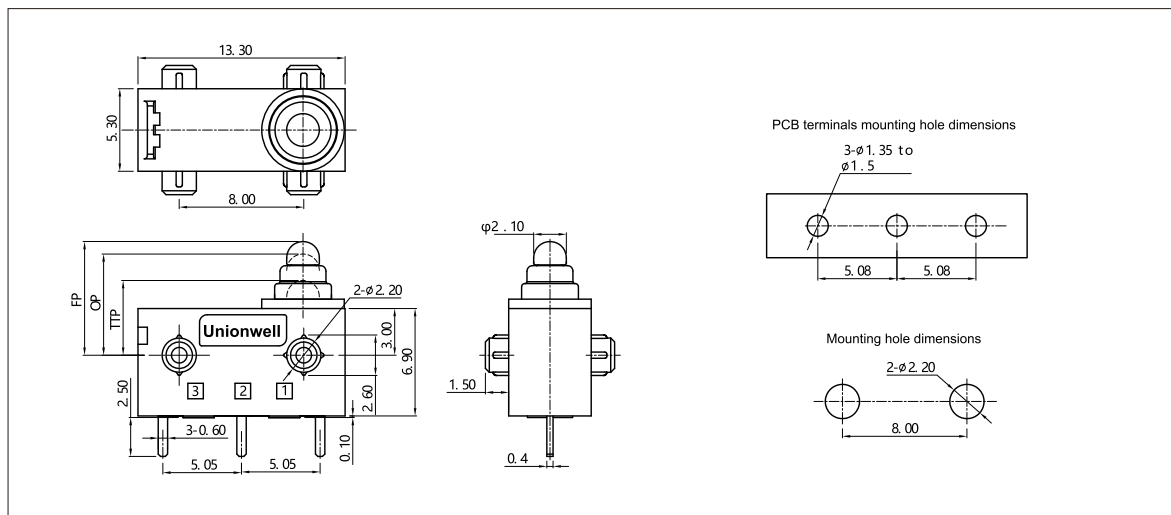
U	LOGO	Unionwell	Other
T001	Custom Code	General	Customized according to requirements, the code format is T+serial number XXX, for example: T001
G	Post Dimension	Standard Posts: 2.60mmx1.5mm	Other
		G Ø2.6x1.5mm Posts.	...
		H Ø2.6x2.0mm Posts.	...
		I Ø2.2x0.8mm Posts.	...
		K 7.3x1.2x1.2mm Posts.	...
39	Shape and Posts	F Type W/O Posts	...
		F Type Left Posts	...
		F Type Right Posts	...
		F Type Two Sides Posts	...
		F Type Leathen Two Sides Posts	...
E	Circuitry	Slide Non-Short Circuit Type, 1, 3 Convert to 1, 2 SPDT	...
		Slide Non-Short Circuit Type, 1, 2 SPST-NO	...
		Slide Type SPST-NC 1, 3	...
		Slide Type SPST-NO 1, 2	...
		Other	...
00	Lever Type	No Lever	...
		26 Pin Plunger	...
		V Type Straight Leaf Lever	...
		08 Straight Leaf Lever	...
		Other	...
P	Terminal Type	Straight PCB Connect F Type (0.6mm Wide)	...
		Long Solder Terminals F Type	...
		Long Straight PCB Terminals F Type (0.6mm Wide)	...
		Right Side PCB Terminals F Type (0.6mm Wide)	...
		Other	...
150	Opening Force at Pin Plunger	80gf Max.	...
		150gf Max.	...
		Other	...
04F	Electrical Rating	0.1A 12VDC 50mA 3VDC	Other
		Other	...
G3	Switch Type	G3 Series-Micro Switch	...

## ■ Circuit

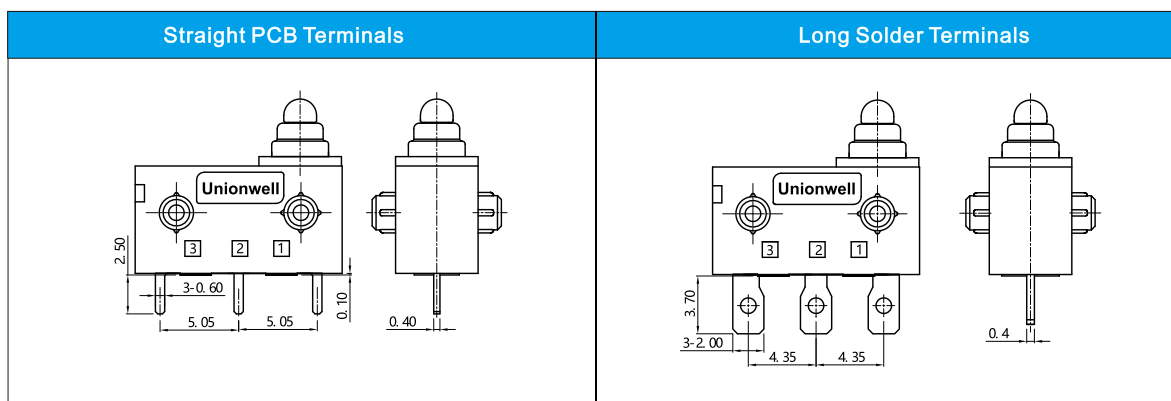
## ■ Posts Direction Define



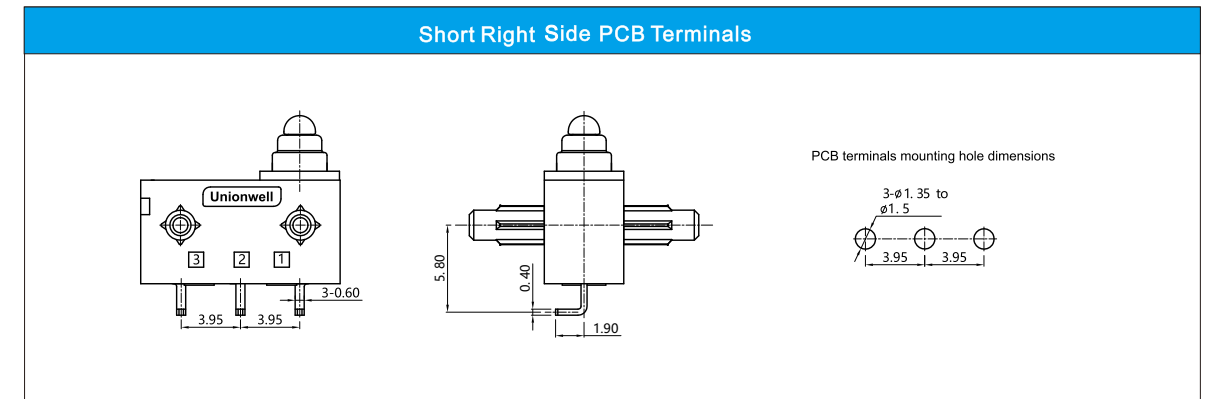
## ■ Basic Mounting Dimensions and Operating Characteristics



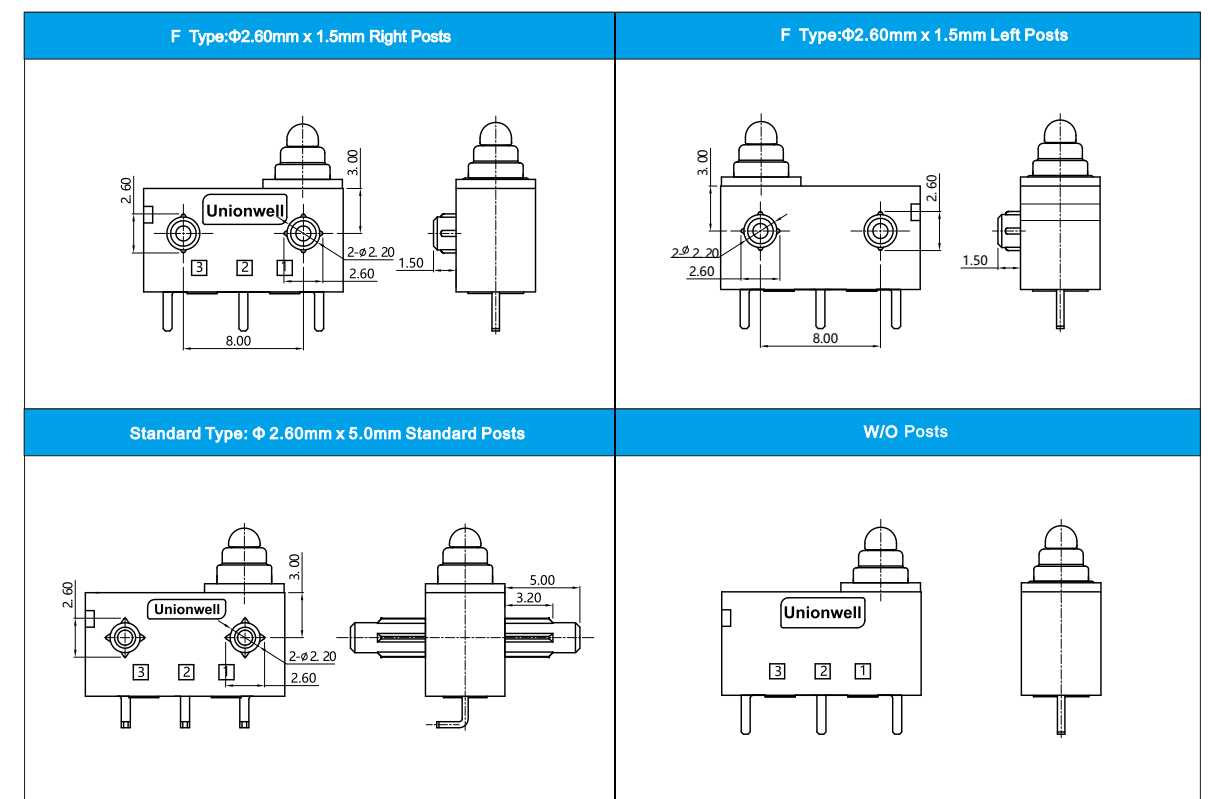
## ■ Switch Terminals Type (Can be customized)



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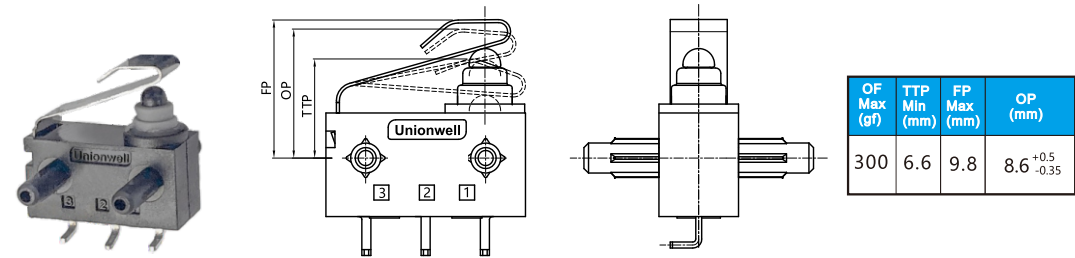
## ■ Posts Type



# Unionwell

## ■ Dimensions and Operating Characteristics

### ◆G304F-150W26D46U



### ◆G304F-150P00D36GU

