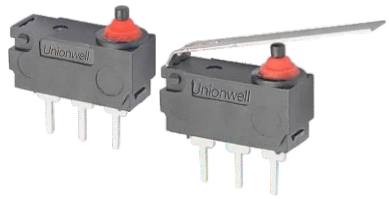
G304A Series

High Reliability Sealed Slide Type Micro Switch



■ Features

-Small Electrical Rating and High Contact Reliability Switch
-Sliding Contact Mute Structure
- can be widely applied in different environments,
IP67 rated
-Widely Used in Home Appliances,Electronic Equipmenbts,
Automatic Machines,Communication Equipments,
Auto Electronics,Apparatus and Instrument,Power Tool etc

■ Application

-Home Appliance
-Electronic Equipments
-Automatic Equipments
-Communication Equipments
-Auto Electronics
-Apparatus and Instruments

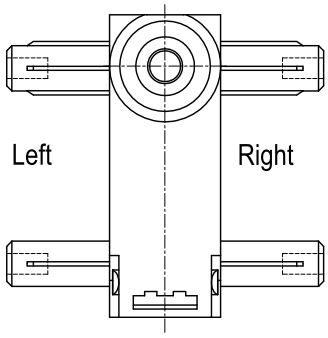
■ Parmeters

Operation Speed		1~500mm/s
Operation Frequency		120 cycles/min
Insulation Resistance		≥100mΩ
Contact Resistance (Intial Value)	with terminals type	≤100mΩ
	with wire type	≤500mΩ(Standard Wire Length 300mm)
Voltage Resistance	Between terminals	600VAC,50/60Hz,1min.
	Between terminals and uncharged metal parts	1500VAC,50/60Hz,1min.
Vibration Resistance	No transformation action	10-55Hz 1.5mm(double amplitude)
Service Life	Electrical	300,000 cycles(20 cycles/minte) 0.1A 12VDC 50μA 3VDC
	Mechanical	300,000 cycles(30 cycles/min)
Storage Temperature		-40°C~+85°C
Storage Humidity		85%RH Max

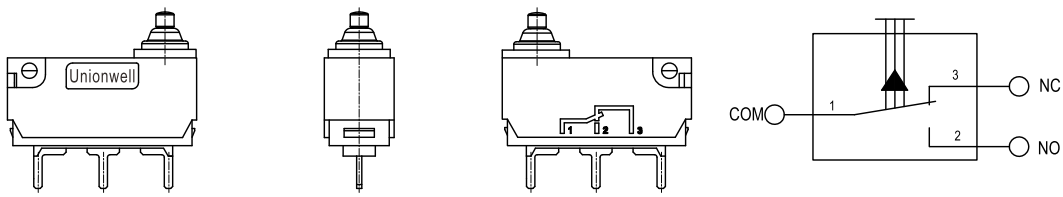
G304A Series Micro Switch Ordering Instruction

G3	04A	-	150	E	27	D	49	A	E	A	B	280	T001
Switch Type	Electrical Rating		Operating Force at Pin Plunger, Max	Terminal Style	Lever Type	Circuit Code	Shape and Posts	Posts Dimension	AWG Type(for Wire type only	AWG Number (ForWire type only	Type of wires outline	Wires length	Special Designator
G304A Series Micro-Switch	04A 0.1A 12VDC 50 μA 3VDC		150 150gfMax.	E T shape PCB terminals	No lever PinPlunger	D Slide Non-short circuit Type,1,3 Convert to 1,2 SPDT	49 no post	A Standard posts:2.60mmx5.0mm	NO molded lead wires	NO molded lead wires	Wires leads to bottom	300mm length standard lead wires 300mm	TXXX Special code
	··· Other		··· Other	P Standard PCB terminals	27 Straight Leaf lever	E Slide Type, spst-NO 1,2	50 left posts	B Φ2. 6X1. 5mmposts.	F 22#	A UL1007	B Molded lead wires on left side	280 280mmlength	··· Other
				V Solder terminals	··· Other	F Slide Type, SPST-NC 1,3	51 right posts		G 24#	F AVSS	C Molded lead wires on left side	··· Other	
				L Left side PCB terminals		··· Other	52 two side posts		··· Other	··· Other	··· Other		
				R Right side PCB terminals			··· Other						
				··· Other									

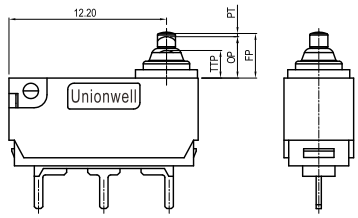
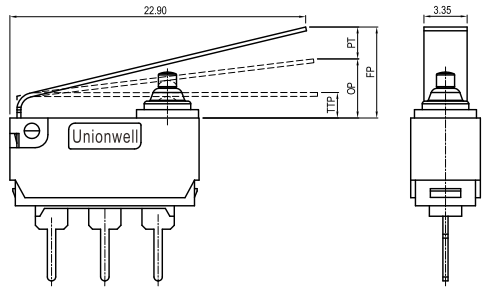
Posts direction define



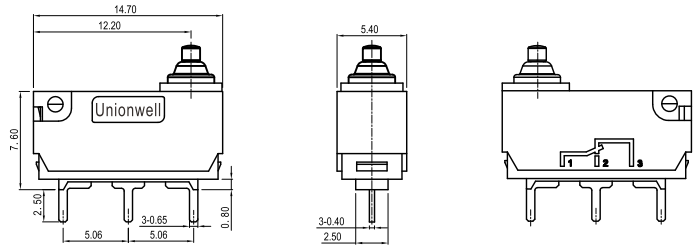
Circuit Configuration



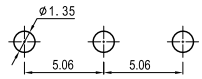
Operating Type

00#: Pin Plunger	27#: Straight leaf lever
	

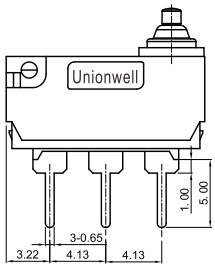
◆ Standard PCB Terminals

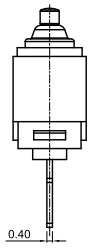


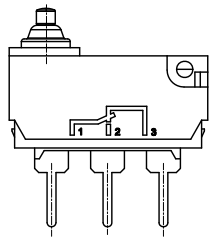
Propose Bellow Mounting Dimension on PCB



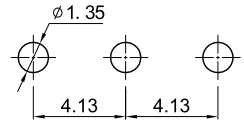
◆T Shape PCB Terminals



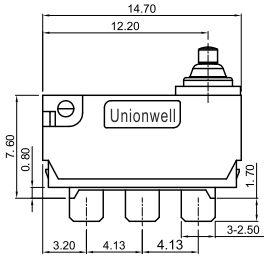


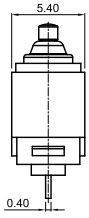


Propose Bellow Mounting
Dimension on PCB

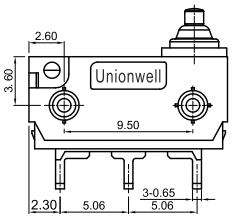


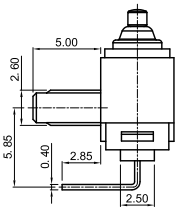
◆Solder Terminal



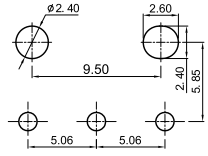


◆ Right PCB Terminals

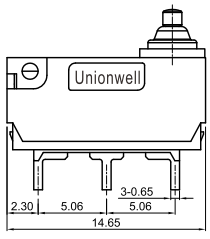


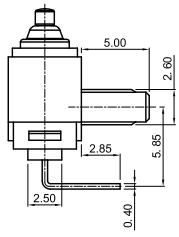


Propose Bellow Mounting
Dimension on PCB

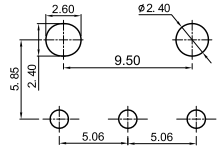


◆ Left PCB Terminals

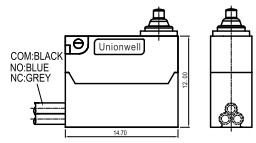
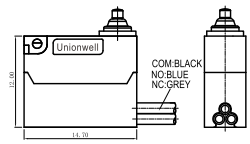
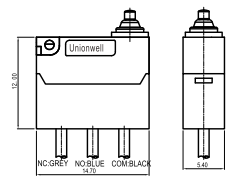




Propose Bellow Mounting
Dimension on PCB

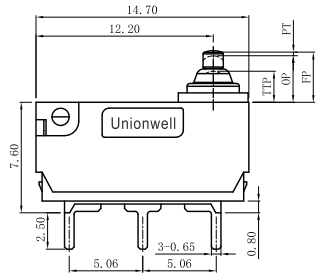


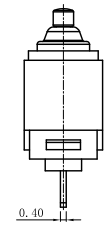
◆Wire Leads

Left Wire	Right Wire	Bottom Wire
		

■ Dimensions and Operating Characteristics

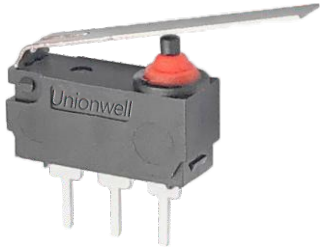
◆G304A-150E 49□

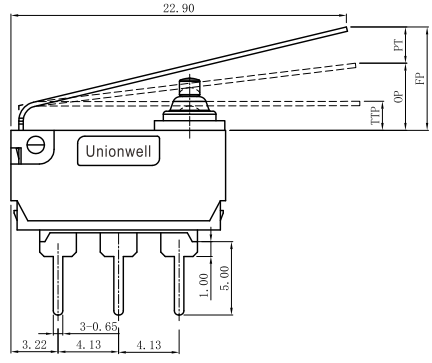


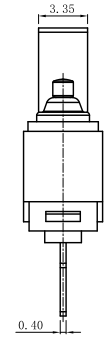


OF Max (gf)	TTP Max (mm)	FP Max (mm)	OP (mm)	
150	1.6	3.65	3.2±0.3mm	2.8±0.3mm

◆G304A-150E27 49□

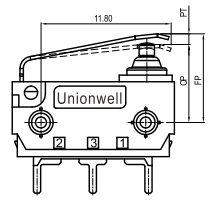
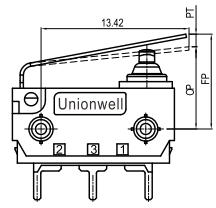
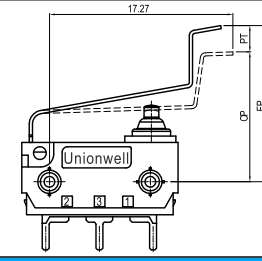
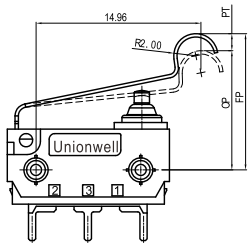
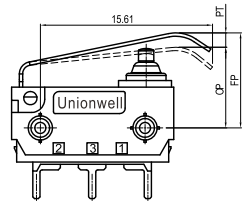
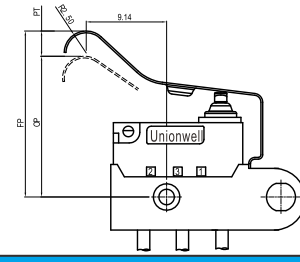
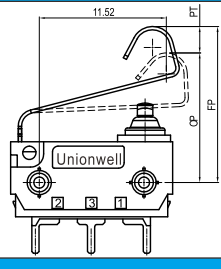
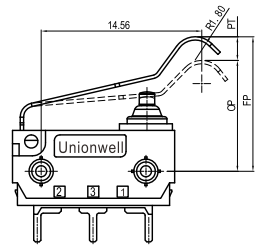
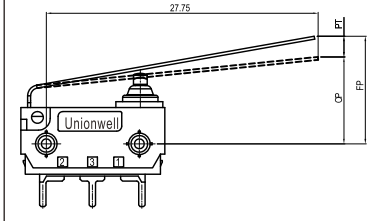
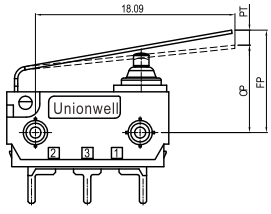
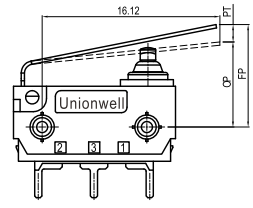
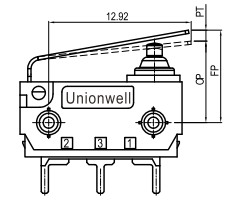






OF Max (gf)	TTP Max (mm)	FP Max (mm)	OP (mm)	
200	1.9	8.1	4.56 +0.9/-0.7mm	3.35 +1.2/-0.9mm

G304A Lever List as Shown Below (Same as G303 Lever)

01#: Lever	02#: Lever	04#: Lever
		
05#:Lever	**09#:Lever**	**10#:Lever**
		
15#:Lever	**22#:Lever**	**25#:Lever**
		
28#:Lever	**35#:Lever**	**36#:Lever**
		
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