G3系列 / G3 Series

超小型防水防尘微动开关

Subminiature Sealed Micro Switch

■ 特点/Features

◆ 防水防尘（IP67）设计
◆ 体形小巧，紧凑
◆ 拥有全球安规认证
◆ 长寿命，高可靠性
◆ 配备各种形式的操作柄
◆ 接线端子种类齐全
◆ 广泛应用于汽车控制、家电控制 、工业控制等领域
◆ 多种安装外形尺寸满足不同的安装要求

– Designed For Water and Dust Tight(IP67)
– Small Compact Size
– Global Safety Approvals
– Long Life and High Reliability
– Variety of Levers
– Wide Range of Wiring Terminals
– Widely used in Automotive Electronics,Appliance and Industrial Control etc.
– Customized Designs

■ 应用/Application

◆汽车/Car
◆空调/Air–Conditioner
◆通信/Communication
◆电动牙刷/Electric Tooth Brush
◆玩具/Toys
◆家用电器/Home Appliance
◆电机控制器/Motor Control

■ 特性参数/Parameters:

额定值/Rating		0.1A,125/250VAC;3A/12VDC;0.1A/48VDC; μ 1E5.
操作频率 Operating Frequency	电气/Electrical	0.1A–120次/分; 3A–10~30次/分 cycles/minute
	机械/Mechanical	120次/分cycles/minute
初始接触电阻/Contact Resistance(Initiative)		100mΩ Max(不带线型/without wire type)
绝缘电阻/Insulation Resistance(at500VDC)		100MΩ Min
抗振动/Vibration durability		10~55Hz,位移/move0.75mm(p–p)
抗电强度/Dielectric Strength		500VAC(50~60Hz)
保存温度/Storage Temperature		–40℃ ~ +85℃
保存湿度/Storage Humidity		85%RHMax
寿命/Service Life	电气/Electrical	Min.100,000次/cycles(取决于具体型号/Depend on part No.)
	机械/Mechanical	Min.500,000次/cycles

G3 系列微动开关订货型号指引
G3 Series Micro Switch Ordering Instruction

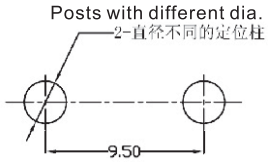
G3	03	130	S	00	A
Switch Type 开关类别	Electrical Rating 额定负载	Operating Force at pin Plunger,Max 操作力（最大值） 数据在不带操作柄测得	Terminal Style 端子类型	Lever Type 操作柄类型	Circuit Code 接触形式
G3 Series Micro-Switch G3系列 微动开关	03 ENEC:0.1A 125/250VAC 48VDC;3A 12VDC u 1E5 UL: 0.1A 125/250VAC 48VDC;3A 12VDC	130 130gf Max.（使用130#弹簧）	E Molded lead wires downwards. 带电线型号 底面出线	Q 2.5 type terminals 2.5型端子（端子宽2.5mm，长度7.5mm）	00 No lever 不带操作柄 Pin Plunger 柱式按挚	A SPDT 单极双投
	05 2A 24VDC 4A 12VDC μ40 T8510E4	075 75gf Max.(使用75#弹簧)	G Molded lead wires on left side(plunger side) 带电线型号 左侧（按挚侧）出线	Q1 2.5 type 1#terminals 2.5型1#端子（端子宽2.5mm，长度6.7mm）	01 Leaf lever 水平手柄（用于A型、A1型、M3型）	B SPST - NC 单极单投-常闭
		... Other 其他	F Molded lead wires on right side(plunger side) 带电线型号 右侧（远离按挚侧）出线	D 2.5 type 2#terminals 2.5型2#端子（端子宽2.5mm，长度5.15mm）	02 Straight Leaf lever 直手柄（用于A型、A1型、M3型）	C SPST - NO 单极单投-常开
			S Solder terminals 焊接端子	Q3 2.5 type 3#terminals 2.5型3#端子（端子宽2.5mm，长度8.2mm）	03 03#staight lever(Only for C type case) 03#直手柄（专用于C型胶壳）	
			M Short Solder terminals 短焊接端子	X Wide bottom PCB Terminals 宽底PCB 端子（0.9mm宽/wide）	05 Simulated Roller 摸似滚轮手柄（用于A型、A1型、M3型）	
			K Long solder terminals 长焊接端子	Y Wide bottom PCB Terminals 自锁型宽底PCB 端子（0.9mm宽/wide）	09 Mini Simulated Roller lever 小摸似滚轮手柄（用于A型、A1型、M3型）	
			N None-hole short Solder terminals 无孔短焊接端子	A Left Side Fork type terminals 叉型左向端子	10 10# lever 10#手柄（用于A型、A1型带PHA防水壳）	
			P Straight PCB terminals（0.6mm width） 直PCB 端子（0.6mm宽，长3.5mm，底座有凸台）	B Right Side Fork type terminals 叉型右向端子	13 13# lever(Only for T type case) 13#手柄（专用于T型）	
			Pi Straight PCB terminals（0.6mm width） 直PCB 端子（0.6mm宽，长2.5mm，底座有凸台）		15 Upside down simulated roller lever 倒圆弧手柄（用于A型、A1型、M3型）	
			R Right side PCB terminals 右侧PCB 端子		22 22# lever 22#手柄（用于A型、A1型、M3型）	
			L Left side PCB terminals 左侧PCB 端子		23 23# lever 23#手柄，（专用于C1M3胶壳）	
			I Big Solder terminals 大焊接端子（端子孔径1.8mm）		25 25# lever 25#手柄（用于A型、A1型、M3型）	
			J Left Right straight PCB terminals 左右直PCB 端子		28 28# lever 28#手柄（用于A型、A1型、M3型）	
					35 35# lever 35#手柄（用于A型、A1型、M3型）	
					36 36# lever 36#手柄（用于A型、A1型、M3型）	
					41 41# lever 41#手柄（用于A型、A1型、M3型）	
					... Other 其他	

2	A	E	A	280	
Shape and Posts 外形与定位柱	Posts Dimension 定位柱尺寸	AWG Type(for Wire type only) 线号 (仅适用于带线型)	AWG Number(For Wire type only) 线规 (仅适用于带线型)	Wires length 线长	Special Designator 特别设计代码

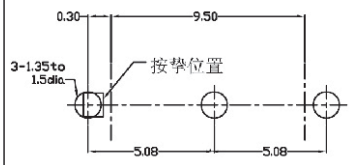
1	A type no post A型无定位柱	20	C2 type two sides posts C2 型双侧定位柱	47	C1M3 type posts C1M3型定位柱		标准定位柱 1、A型 A1型 A2型 B型定位柱 2.60mmx5.0mm 2、 M3型定柱2.95mmX1.4mm 3、 C1型 C2型 D1型 D2型定位柱 2.95mmX1.5mm 4、C1M3型定位柱 3.0mmX1.5mm		No molded lead wires 不带电线		No molded lead wires 不带电线		300mm length standard lead wires 300mm 标准线长	S	Special code 特殊说明
2	A type left side posts A型左定位柱	21	C2 type no post C2 型无定位柱	48	A2 type posts A2型无定位柱（用于带线开关）	A	¢2.2mmX0.9mm posts. ¢2.2mmX0.9mm 定位柱 (适用于A型、A1型)	M	18# 只适用于底面出线开关 Only applicable to bottom outlet switch	A	UL1007	280	280mm length 280mm长	...	.....
3	A type right side posts A型右定位柱	22	C2 type left posts C2 型左定位柱	49	A2 type posts A2型左定位柱（用于带线开关）	B	¢2.5mmX1.5mm posts. ¢2.5mmX1.5mm 定位柱 (适用于A型、A1型、B型)	E	20# 只适用于A型、A1型，M3型底面出线开关，C型出两线开关 Only applicable to A type, A1 type,M3 type bottom outlet switch,C type out of the two wire switch	C	UL1430	...	Other 其他		
4	B type no post B型无定位柱	23	C2 type right posts C2 型右定位柱	50	A2 type posts A2型右定位柱（用于带线开关）	C	¢2.6mmX2.5mm posts. ¢2.6mmX2.5mm 定位柱 (适用于A型、A1型)	F	22#	D	UL1061				
5	B type left posts B型左定位柱	24	D2 type no post D2 型无定位柱	51	A2 type posts A2型双定位柱（用于带线开关）	D	Cross type ¢4.6mmX5.0mm posts. ¢4.6mmX5.0mm十字形定位柱. (适用于T型)	G	24#	E	UL1330				
6	B type right side posts B型右定位柱	25	D2 type left side posts D2 型左定位柱	52	A2 type posts A2型无定位柱（用于不带线开关）	E	¢2.95mmX0.75mm posts. (适用于T型)	H	26#	F	AVSS				
7	M3 type posts M3型定位柱	26	D2 type right side posts D2 型右定位柱	53	A2 type posts A2型左定位柱（用于不带线开关）	F	¢2.60mmx3.8mm posts. ¢2.60mmx3.8mm定位柱 (适用于A型、A1型)	I	28#	H	UL1332				
8	A type two sides posts A型双侧定位柱	27	D2 type two sides posts D2 型双侧定位柱	54	A2 type posts A2型右定位柱（用于不带线开关）	H	Φ2.6X2.0mm posts. Φ2.6X2.0mm定位柱 (适用于A型、A1型)	J	30#	L	FLRY-A				
9	B type two sides posts B型双侧定位柱	28	A type no post A型方孔无柱	55	A2 type posts A2型双定位柱（用于不带线开关）	K	Φ2.95X5.0mm posts. Φ2.95X5.0mm定位柱 (适用于C型、C1型)	K	32#	I	UL3132 (硅胶线)				
12	C1 type two sides posts C1型双侧定位柱	29	A type left side posts A型方孔左定位柱	...	Other 其他	...	Other 其他	L	34#	...	Other 其他				
13	C1 type no post C1 型无定位柱	30	A type right side posts A型方孔右定位柱					...	Other 其他						
14	C1 type left posts C1 型左定位柱	31	A type two sides posts A型方孔双侧定位柱												
15	C1 type right posts C1 型右定位柱	32	T type no post T型无定位柱												
16	D1 type no post D1 型无定位柱	33	T type left side posts T型左定位柱												
17	D1 type left side posts D1 型左定位柱	34	T type right side posts T型右定位柱												
18	D1 type right side posts D1 型右定位柱														
19	D1 type two sides posts D1 型双侧定位柱														

G3系列 G3 Series | 安装孔位、操作柄类型、接触形式、外形介绍、端子类 Mounting Hole, Lever Type, Circuit, Shape, Terminal Type

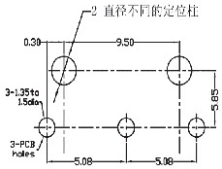
■ 安装孔尺寸/Mounting Hole Dimensions



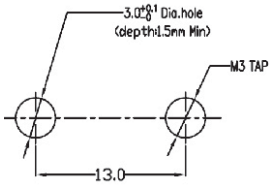
定位柱间距
Dimension between Posts



直PCB端子安装孔
Straight PCB terminals mounting hole

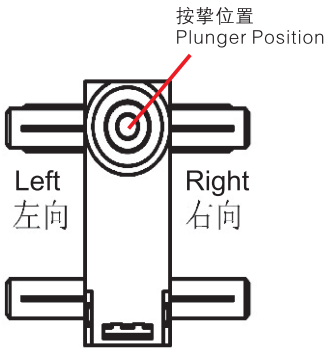


左右PCB端子安装孔
Left/Right Angled PCB terminals mounting hole

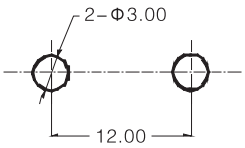


M3 型安装孔
M3 type mounting hole

定位柱方向识别
Posts Identification

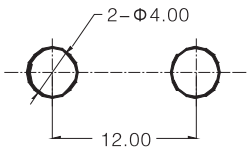


Mounting Hole Dimensions



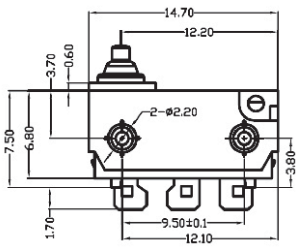
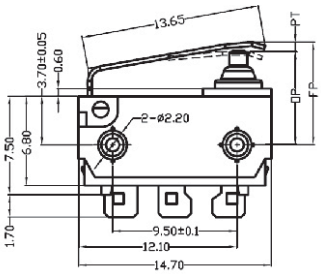
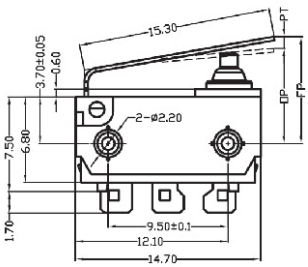
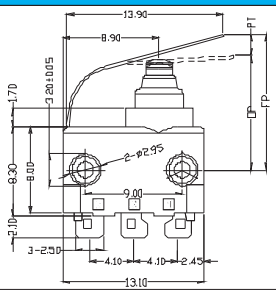
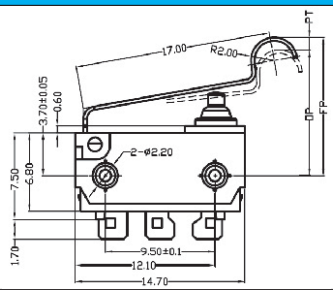
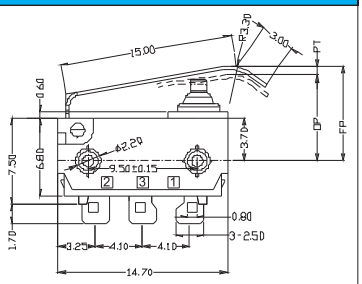
T 型3.0安装孔
T type 3.0 mounting hole

Mounting Hole Dimensions

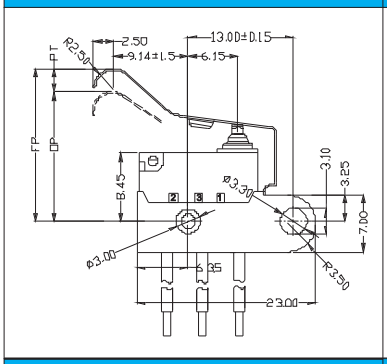
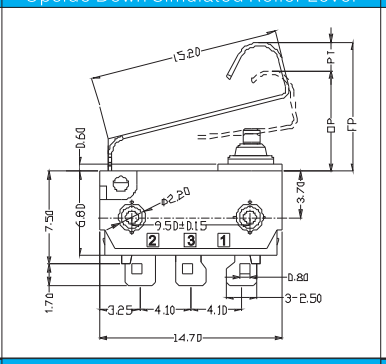
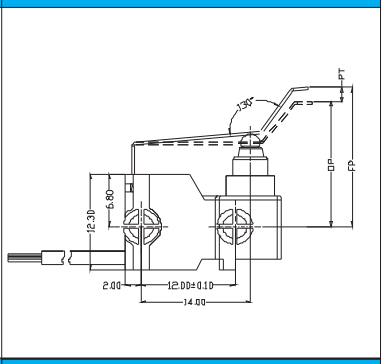
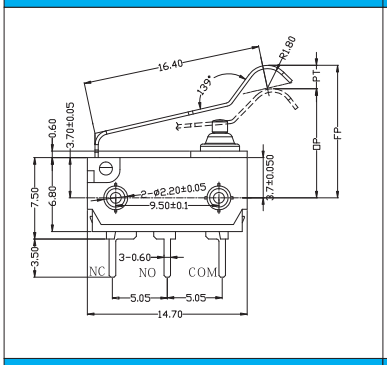
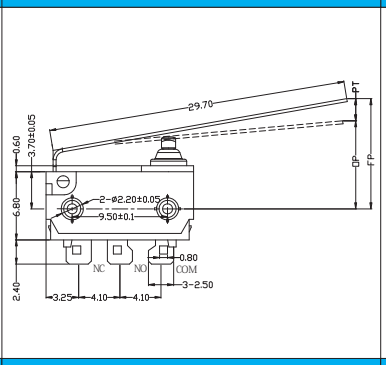
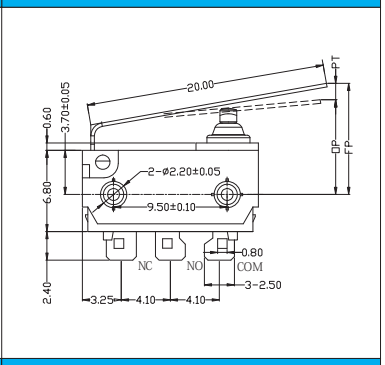
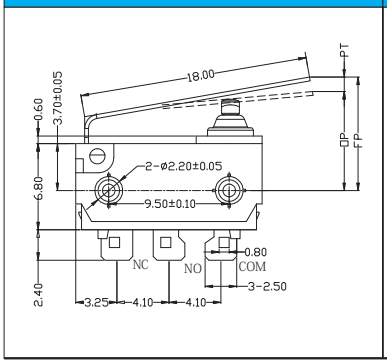
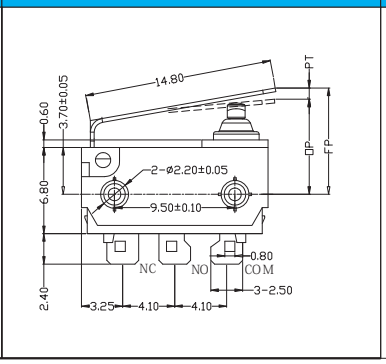
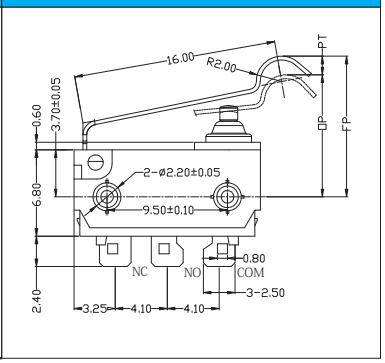


T 型4.0安装孔
T type 4.0 mounting hole

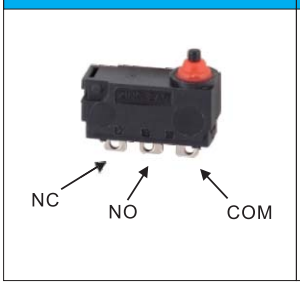
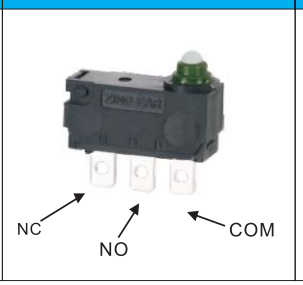
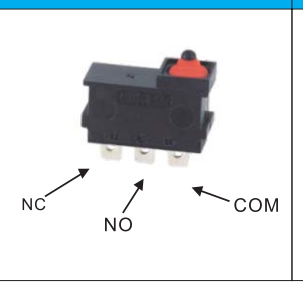
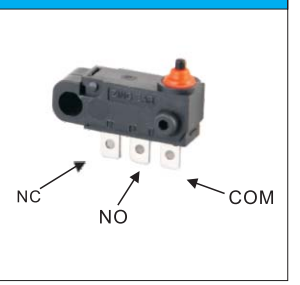
■ 操作柄类型/Lever Type

00#: 柱式按挚/Pin Plunger	01#: 水平手柄/Leaf Lever	02#: 直手柄/Straight Leaf Lever
		
03#: 直手柄/Straight Leaf Lever	05#：模拟滚轮手柄/Simulated Roller Leaf Lever	09#：小模拟滚轮手柄/ Mini Simulated Roller Leaf Lever
		

■ 操作柄类型/Lever Type

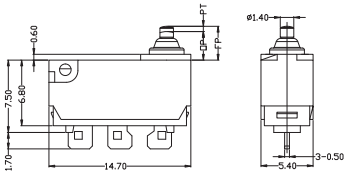
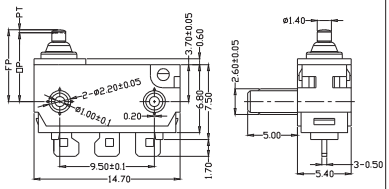
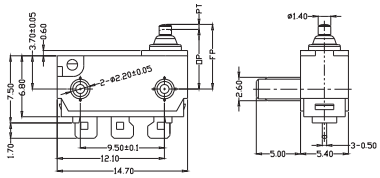
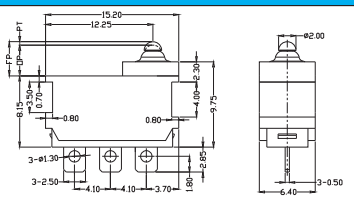
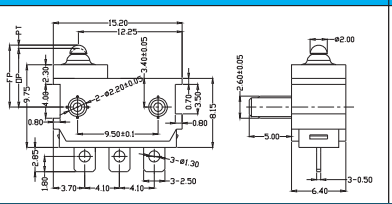
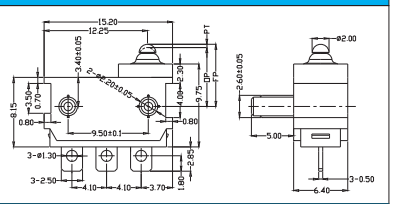
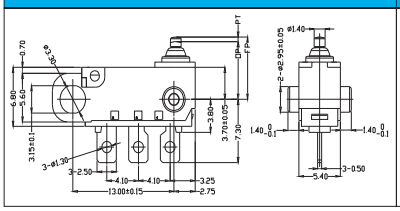
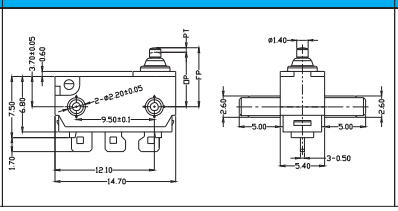
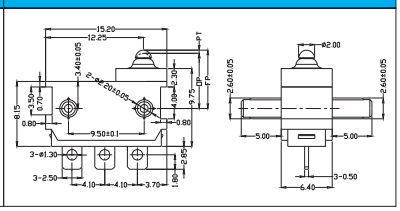
10#: 手柄/10# Lever	15#: 倒圆弧手柄/ Upside Down Simulated Roller Lever	13#: 手柄/13# Lever
		
22#:手柄/22#Lever	25#:手柄/22#Lever	28#:手柄/22#Lever
		
35#:手柄/22#Lever	36#:手柄/22#Lever	41#:手柄/22#Lever
		

■ 外形与定位柱/Shape and Posts

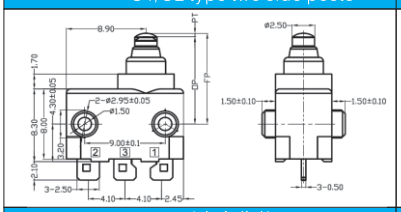
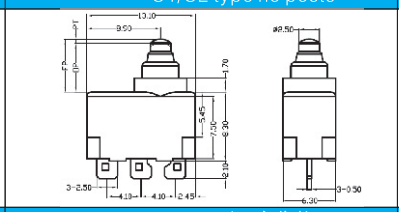
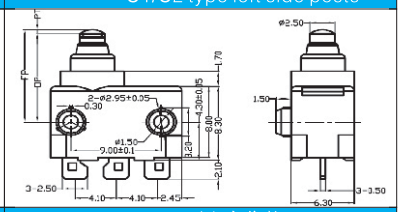
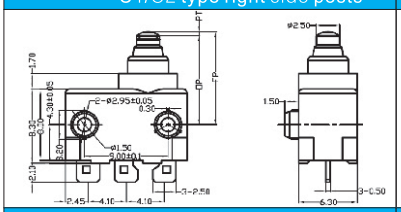
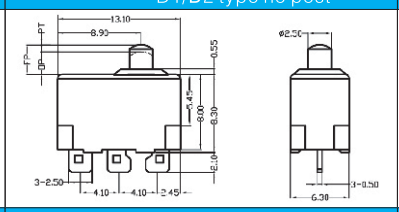
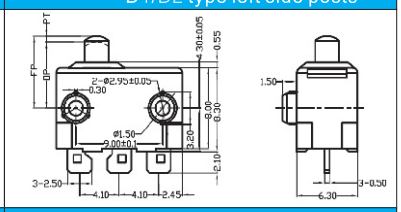
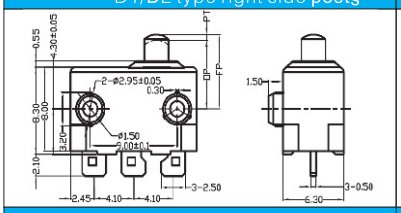
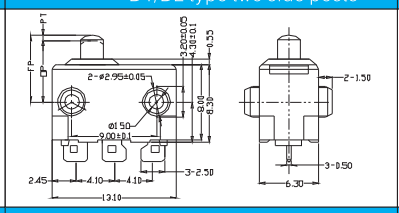
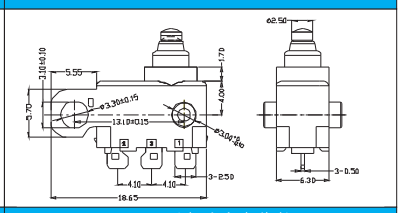
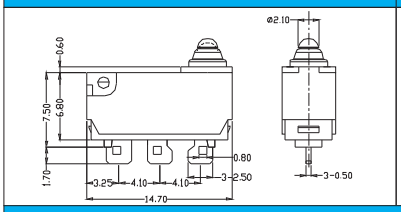
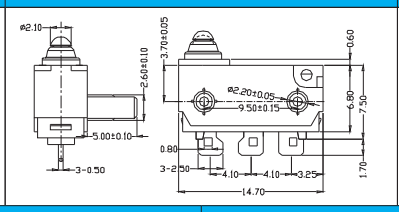
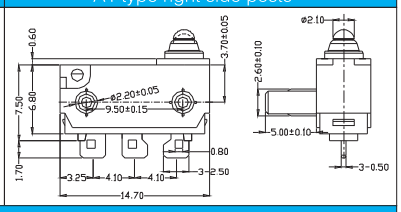
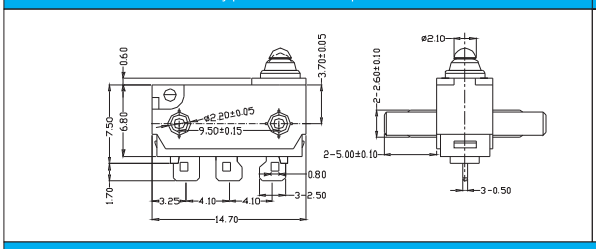
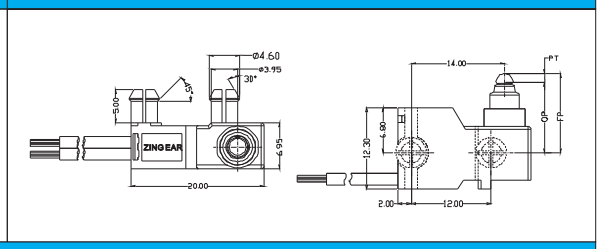
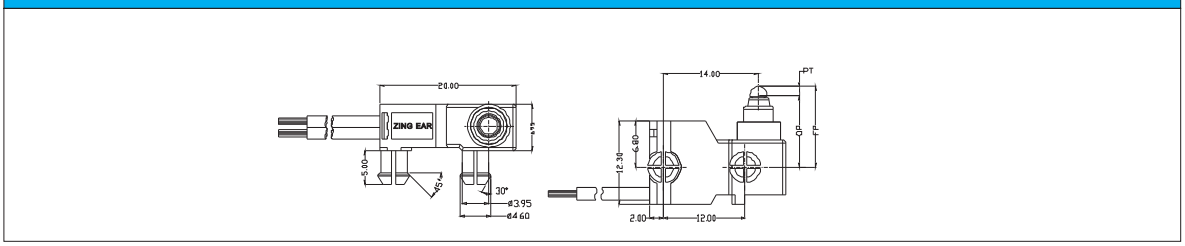
A 型基本外形 A type basic shape	A1型基本外形 A1type basic shape	B 型基本外形 B type basic shape	M3 型基本外形 M3 type basic shape
			

C 型基本外形 C type basic shape		D 型基本外形 D type basic shape	
 C1型 **C1 type**	 **C2型** **C2 type**	 **D1型** **D1 type**	 **D2型** **D2 type**
C1M3型 C1M3shape		T型基本外形 T type basic shape	

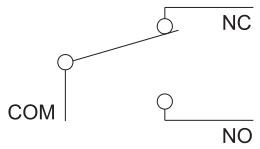
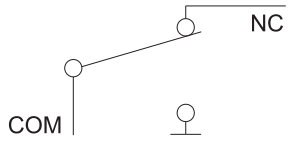
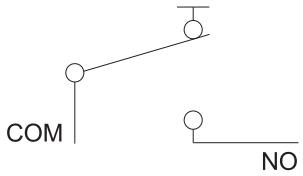
■ 外形与定位柱/Shape and Posts

1#: A型无定位柱/ A type no post	2#: A型左定位柱/A type left side posts	3#: A型右定位柱/A type right side posts
		
4#:B型无定位柱/ B type no post	**5#: B type left side posts B型左定位柱**	**6#: B型右定位柱/B type right side posts**
		
7# :M3型定位柱 /M3 type posts	**8# :A型双侧定位柱/A type two side posts**	**9# : B型双侧定位柱/B type two side posts**
		

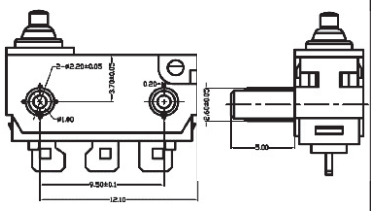
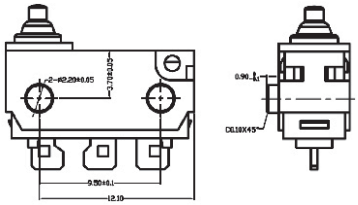
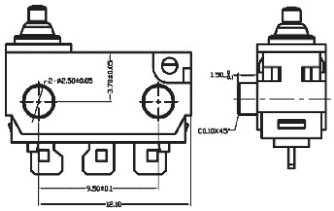
■ 外形与定位柱/Shape and Posts

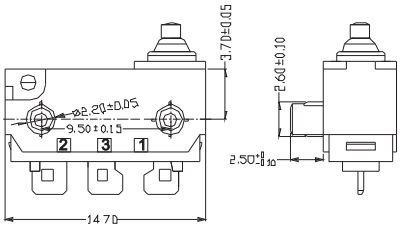
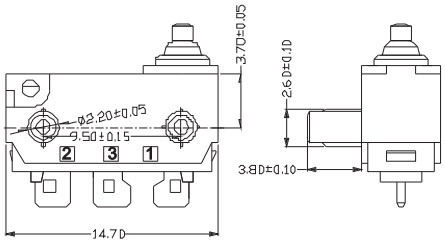
12#/20# : C1/C2型双侧定位柱 C1/C2 type two side posts	13#/21#: C1/C2型无定位柱 C1/C2 type no posts	14#/22#: C1/C2型左定位柱 C1/C2 type left side posts
		
15#/23#: C1/C2型右定位柱 C1/C2 type right side posts	**16#/24#: D1/D2型无定位柱 D1/D2 type no post**	**17#/25#: D1/D2型左定位柱 D1/D2 type left side posts**
		
18#/26#: D1/D2型右定位柱 D1/D2 type right side posts	**19#/27# : D /D2型双侧定位柱 D1/D2 type two side posts**	**47# : C1M3型定位柱/C1M3 type posts**
		
28# : A1型方孔无柱/A1 type no post	**29# : A1型方孔左定位柱/A1 type left side**	**30# : A1型方孔右定位柱/ A1 type right side posts**
		
31# : A1型方孔双侧定位柱/ A1 type two sides posts	**33# : T type left side posts /T型左定位柱**	
		
34# :T type right side posts/T型右定位柱		
		

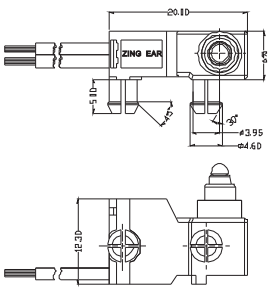
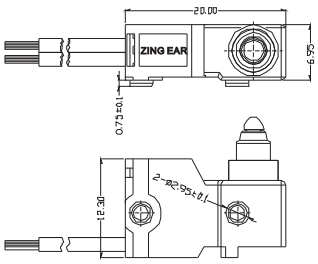
■ 接触形式图/ Circuit Configuration

A# SPDT	B# SPST-NC	C# SPST-NO
		

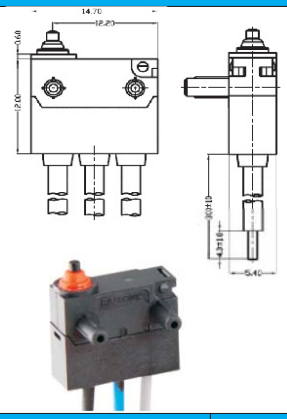
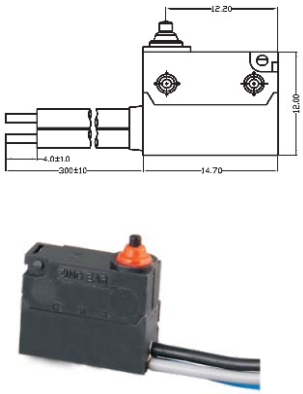
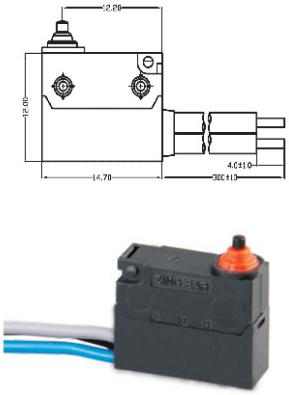
■ 定位柱尺寸/Posts Dimension

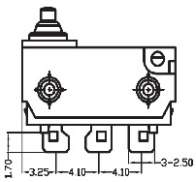
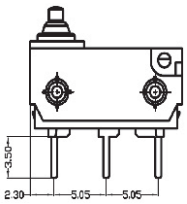
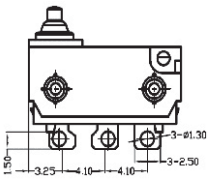
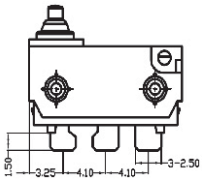
无: 标准型定位柱 ¢ 2.60mmx5.0mm Standard posts: ¢ 2.60mmx5.0mm	A#：¢2.2mmx0.9mm定位柱 ¢2.2mmX0.9mm posts.	B#：¢2.5mmX1.5mm定位柱 ¢2.5mmX1.5mm posts
		

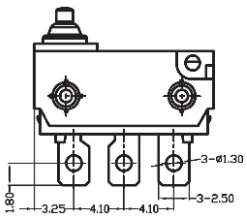
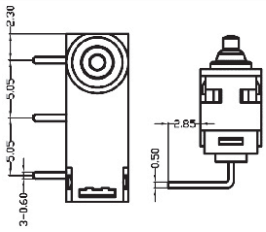
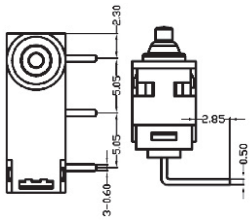
C#：¢2.6mmX2.5mm定位柱 ¢2.6mmX2.5mm posts	F#：¢2.6mmX3.8mm定位柱 ¢2.6mmX3.8mm posts
	

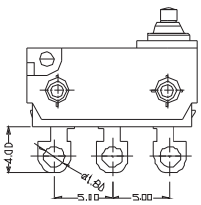
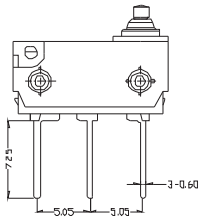
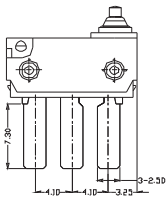
D#：¢4.6mmX5.0mm定位柱 ¢4.6mmX5.0mm posts	E#：¢2.95mmX0.75mm定位柱
	

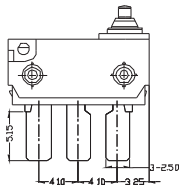
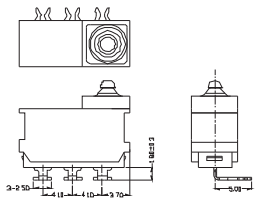
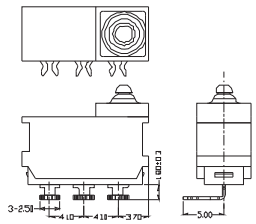
■ 端子类型/Terminal Type

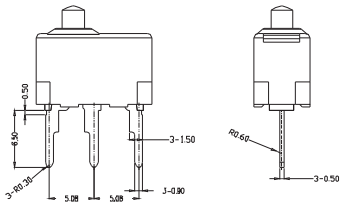
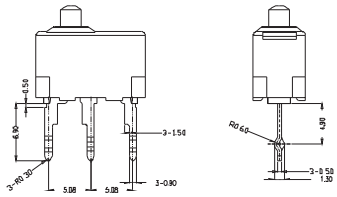
E#:带电线型号,底面出线 Wires leads to bottom	G#: 带电线型号,左侧(按挚侧)出线 Wires leads to left side (plunger side)	F#: 带电线型号,右侧(远离按挚侧)出线 Wires leads to right side(opposite to plunger side)
		

S#: 焊接端子 Solder Terminals	P#:直PCB端子 Straight PCB Terminals	M#: 短焊接端子 Short Solder Terminals	N#: 无孔短焊接端子 No-hole Short Solder Terminals
			

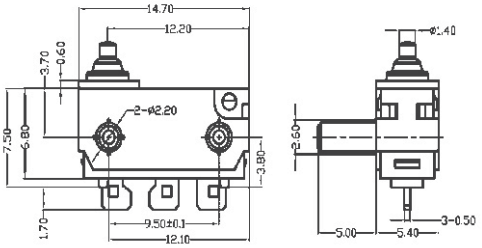
K#:长焊接端子 Long Solder Terminals	L#: 左向PCB端子 Left Angled PCB Terminals	R#: 右向PCB端子 Right Angled PCB Terminals
		

I#:大焊接端子 Big Solder Terminals	J#:长直PCB端子 Long Straight PCB Terminals	Q#: 2.5型端子 2.5 Type Terminals
		

D#: 2.5型2#端子 2.5 Type 2# Terminals	A#: 叉型左向端子 Left Side Fork TypeTerminals	B#: 叉型右向端子 Ringht Side Fork Type Terminals
		

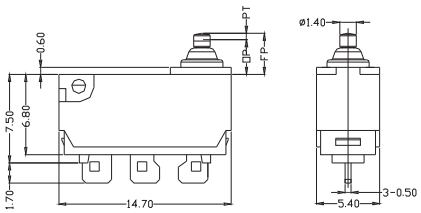
X#：宽底PCB端子 Wide PCB Terminal	Y#：自锁型宽底PCB端子 Snap In Wide PCB Terminal
	

所有端子厚度为0.5mm
All terminals' thickness are 0.5mm



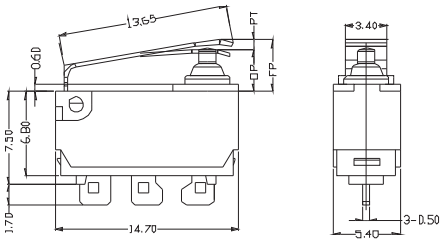
■ 外形尺寸和操作特性 Dimensions and Operating Characteristics

◆ G3□□-□□□S00A1



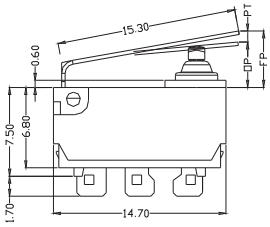
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	13	0.8	0.8	0.2	3.65	3.05±0.2

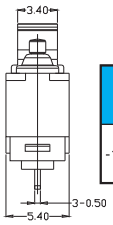
◆ G3□□-□□□S01A1



OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	220	30	3	0.8	0.5	5.7	3.4±0.5

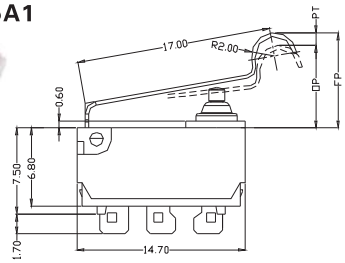
◆ G3□□-□□□S02A1

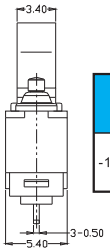




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	195	25	3.5	1.35	0.6	6.8	3.7±0.6

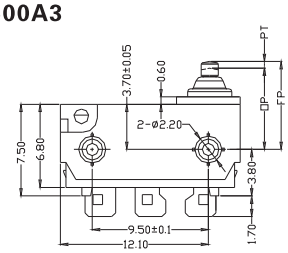
◆ G3□□-□□□S05A1

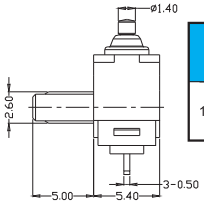




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	180	20	3.8	1.5	0.7	9.8	7.0±0.7

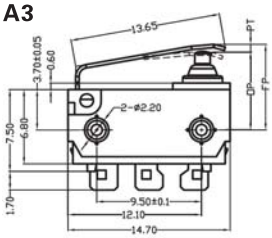
◆ G3□□-□□□S00A3

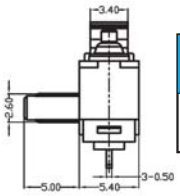




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
130	130	13	0.8	0.8	0.2	7.35	6.75±0.2

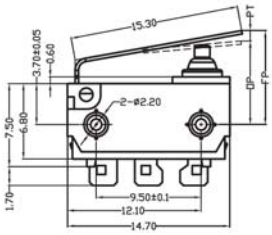
◆ G3□□-□□□S01A3

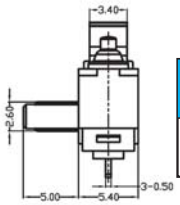




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	220	30	3	0.8	0.5	9.4	7.1±0.5

◆ G3□□-□□□S02A3

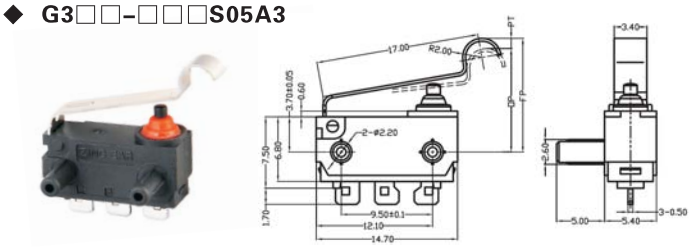




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	195	25	3.5	1.35	0.6	10.5	7.4±0.6

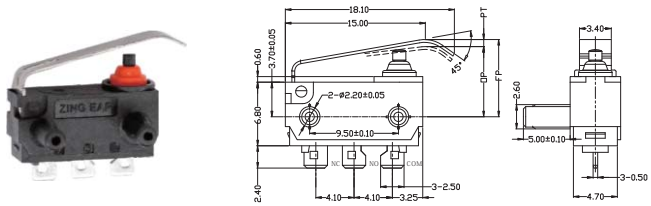
■ 外形尺寸和操作特性 Dimensions and Operating Characteristics

◆ G3□□-□□□S05A3



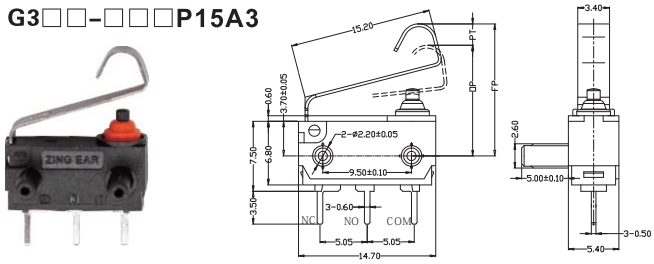
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	180	20	3.8	1.5	0.7	13.5	10.7±0.7

◆ G3□□-□□□S09A3



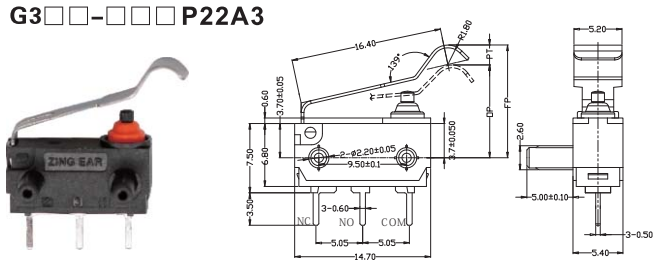
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	195	30	3.5	1.3	0.6	10.8	7.3±0.6

◆ G3□□-□□□P15A3



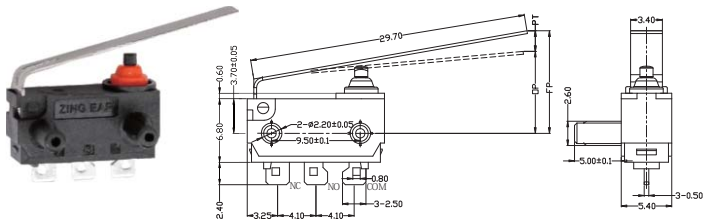
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	280	30	4	1.5	0.7	15.9	11.90±0.7

◆ G3□□-□□□P22A3



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	200	20	3.8	1.5	0.7	13.8	10.0±0.7

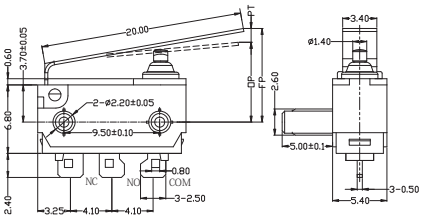
◆ G3□□-□□□S25A3



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	150	25	5.5	1.35	1.5	13	7.50±1.2

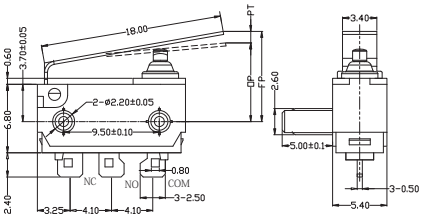
■ 外形尺寸和操作特性 Dimensions and Operating Characteristics

◆ G3□□-□□□S28A3



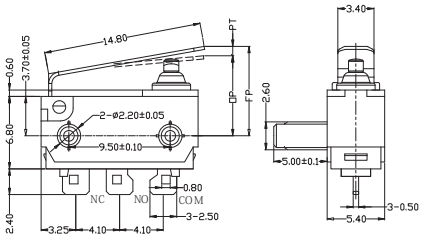
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	200	25	4.5	1.5	1	11.65	7.15±1.0

◆ G3□□-□□□S35A3



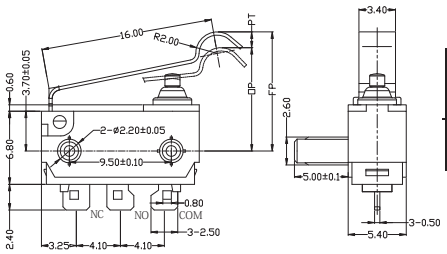
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	200	25	4.4	1.5	1	11.45	7.05±1.0

◆ G3□□-□□□S36A3



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	200	25	3.4	1.3	0.6	10.6	7.2±0.6

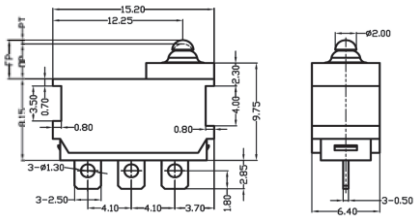
◆ G3□□-□□□P41A3



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	200	50	3.5	1.2	0.6	13	9.5±0.7

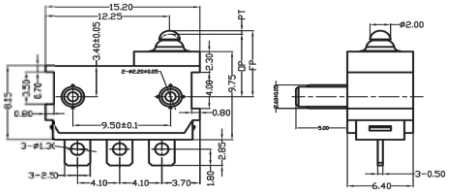
■ 外形尺寸和操作特性 Dimensions and Operating Characteristics

◆ G3□□-□□□K00A4



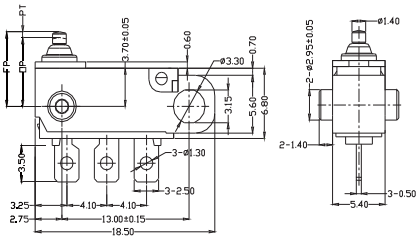
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	13	0.8	0.8	0.2	4.1	3.45±0.2

◆ G3□□-□□□K00A6



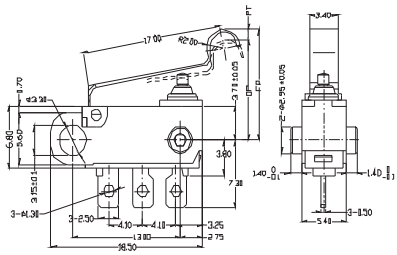
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	13	0.8	0.8	0.2	7.5	6.85±0.2

◆ G3□□-□□□K00A7



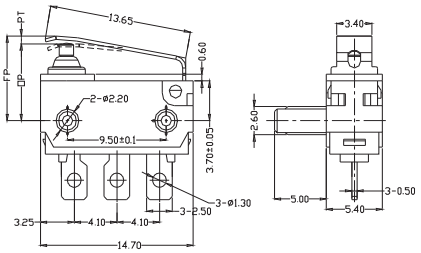
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	13	0.8	0.8	0.2	7.35	6.75±0.2

◆ G3□□-□□□K05A7



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	180	20	3.8	1.5	0.7	13.5	10.7±0.7

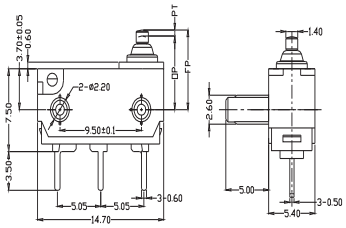
◆ G3□□-□□□K01A2



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	220	30	2	0.8	0.5	9.4	7.1±0.5

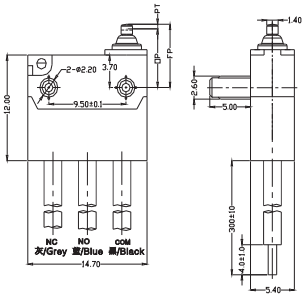
■ 外形尺寸和操作特性 Dimensions and Operating Characteristics

◆ G3□□-□□□P00A3



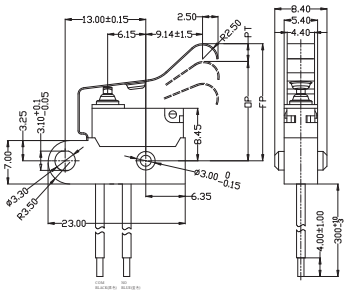
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	13	0.8	0.8	0.2	7.35	6.75±0.2

◆ G3□□-□□□E00A3-□□



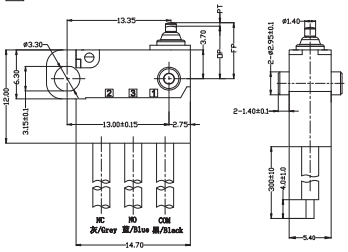
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	13	0.8	0.8	0.2	7.35	6.75±0.2

◆ G3□□-□□□E10C3



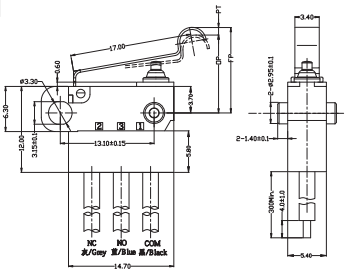
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	100	25	6	1.5	2	21	15±2.0

◆ G3□□-□□□E00A7-□□



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	13	0.8	0.8	0.2	7.35	6.75±0.2

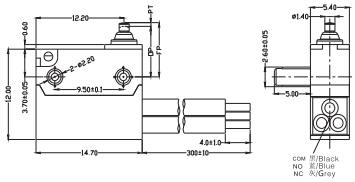
◆ G3□□-□□□E05A7-□□



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	180	20	3.8	1.5	0.7	13.5	10.7±0.7

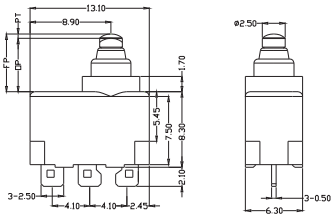
■ 外形尺寸和操作特性 Dimensions and Operating Characteristics

◆ G3□□-□□□G00A3-□□



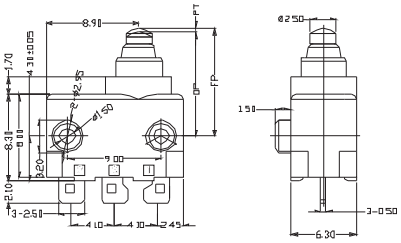
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	13	0.8	0.8	0.2	7.35	6.75±0.2

◆ G3□□-□□□S00A13



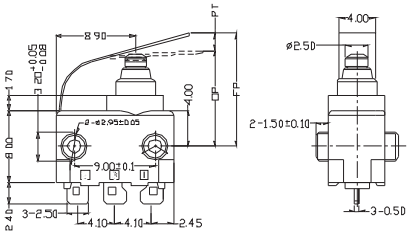
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	180	20	1.5	0.5	0.25	6.35	5.4±0.3

◆ G3□□-□□□S00A15



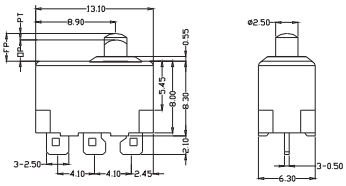
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	180	20	1.5	0.5	0.25	10.35	9.4±0.3

◆ G3□□-□□□S03A12



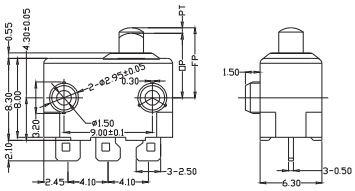
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	250	50	5.5	0.5	1.1	15	10.7±1.5

◆ G3□□-□□□S00A16



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	8	1.5	0.5	0.25	3.3	2.2±0.3

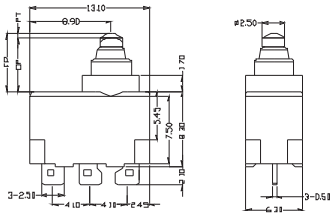
◆ G3□□-□□□S00A18



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	8	1.5	0.5	0.25	7.3	6.2±0.3

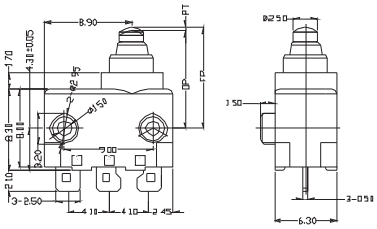
■ 外形尺寸和操作特性 Dimensions and Operating Characteristics

◆ G3□□-□□□S00A21



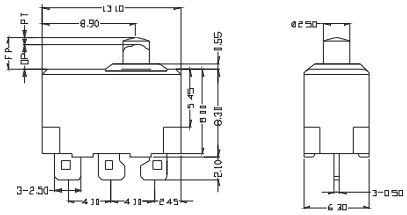
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	220	20	1.5	0.7	0.5	6.35	5.4±0.3

◆ G3□□-□□□S00A23



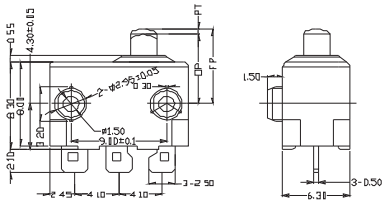
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	220	20	1.5	0.7	0.5	10.35	9.4±0.3

◆ G3□□-□□□S00A24



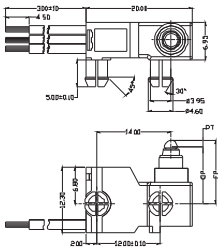
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	8	1.5	0.7	0.5	3.3	2.2±0.3

◆ G3□□-□□□S00A26



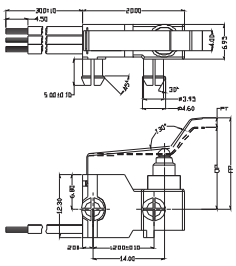
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	8	1.5	0.7	0.5	7.3	6.2±0.3

◆ G305-□□□F00A34D-□□



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	200	25	1.5	0.7	0.6	12	10.60±0.4

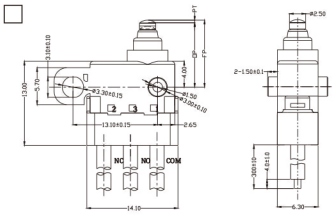
◆ G305-□□□F13A34D-□□



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	250	25	3.3	1.2	1.1	18.2	16.0±0.8

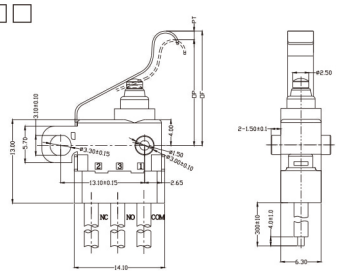
■ 外形尺寸和操作特性 Dimensions and Operating Characteristics

◆ G3□□-□□□E00A47-□□



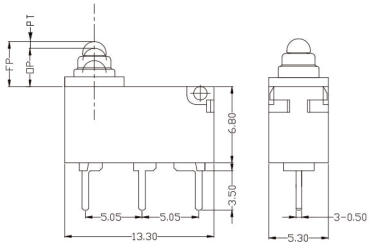
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	200	20	1.5	0.5	0.25	0.35	9.4±0.3

◆ G3□□-□□□E23A47-□□



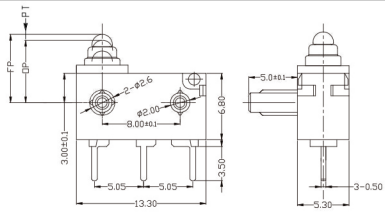
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	300	50	3.5	0.5	1.1	20	16.45±1.5

◆ G3□□-□□□P00A52



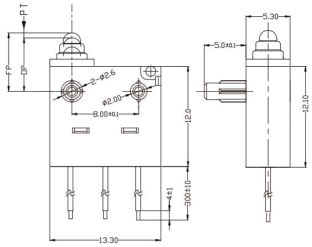
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	30	1.3	0.6	0.25	4.2	3.4±0.5

◆ G3□□-□□□P00A53



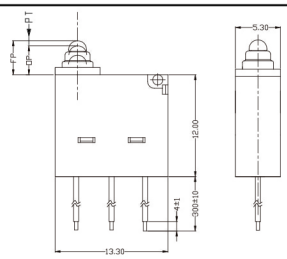
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	30	1.3	0.6	0.25	7.2	6.4±0.5

◆ G3□□-□□□E00A48-□□



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	30	1.3	0.6	0.25	7.2	6.4±0.5

◆ G3□□-□□□E00A49-□□



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-130	130	30	1.3	0.6	0.25	4.2	3.4±0.5