

G10A Series

Subminiature Micro Switch



■ Features

- Small Compact Size
- Long Life and High Reliability
- Variety of Terminals
- Variety of Levers Optional
- Widely used in Appliance and Industry Control

■ Application

- ◆ Mouse
- ◆ Electric Knife
- ◆ Electric Stapler
- ◆ Telephone
- ◆ Calculator
- ◆ Mixer & Chopper
- ◆ Battery Charger
- ◆ Cordless Phone
- ◆ Alarm
- ◆ Cleaner
- ◆ Home Appliance

■ Parameters:

Rating	P1	0.1A 125/250VAC 30VDC
	03	3A 125/250VAC 30VDC
Operating Frequency	Electrical	10~30 cycles/minute
	Mechanical	120 cycles/minute
Contact Resistance(Initial Value)		100mΩ Max
Insulation Resistance(at500VDC)		At500VDC, 100MΩ Min
Dielectric Strength		AC 600V RMS(50-60Hz)
Storage Temperature		-40℃ ~+85℃
Storage Humidity		85% RH Max
Service Life	Electrical	10,000 cycles
	Mechanical	1,000,000 cycles

G10A Series Micro Switch Ordering Instruction

G10A	03	150	S	01	A	T001	U
Switch Type	Electrical Rating	Max Operating Force at Pin Plunger	Terminal Type	Lever Type	Circuit code	Custom code	Logo
P1	ENE/CQC 0.1A 125/250VAC 30VDC 40185 μ 1E4 UL/CUL: 0.1A 125/250VAC 30VDC	150 150gf Max	S Solder Terminals	00 No Lever Pin Plunger	A SPDT	General	ZING EAR
03	ENE/CQC 3A 125/250VAC 30VDC 40185 μ 1E4 UL/CUL: 3A 125/250VAC 30VDC	... Other	P Straight PCB Terminals	01 01#Straight	B SPST-NC	T001	Unionwell
Switch Type			Q Snap in PCB Terminals	... Other	C SPST-NO	... Other	... Other
			M Short Solder Terminals				
			R Right Angled PCB Terminals				
			L Left Angled PCB Terminals				
			K Long Solder Terminals				
			... Special Terminals				

Terminal Type

◆ Terminal thickness: 0.6mm

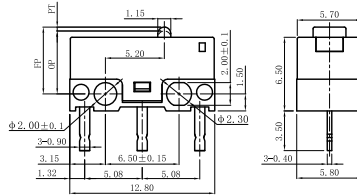
Straight Solder Terminals	Straight PCB Terminals	PCB snap-in (clip) Terminals
Short Solder Terminals	Right Angled PCB Terminals	Left Angled PCB Terminals
Long Solder Terminals	■ Circuit Configuration	

Mounting Hole Dimension

Mounting Hole Dimension	Mounting Hole Dimension of PCB Terminals
Mounting Hole Dimension of Right Angled PCB Terminals	Mounting Hole Dimension of Left Angled PCB Terminals

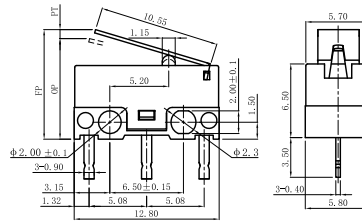
Dimensions and Operating Characteristics

◆G10□□-□P00A



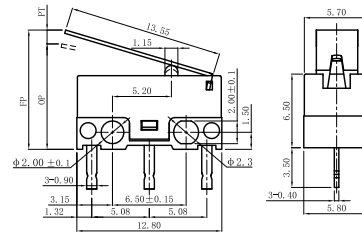
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	150	20	0.65	0.2	0.2	6.0

◆G10□□-□P01A



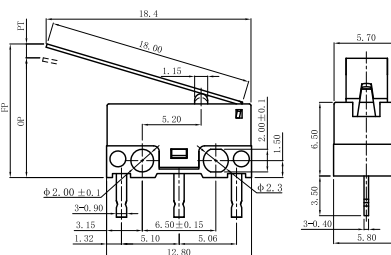
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	60	10	2.5	0.3	0.6	9.0

◆G10□□-□P02A



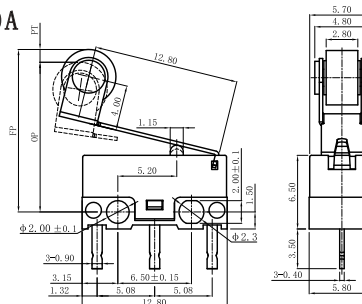
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	50	8	3.4	0.3	0.8	9.5

◆G10□□-□P03A



OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	50	5.0	4.0	0.5	1.0	10.0

◆G10□□-□P10A



OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	50	6	5.5	0.3	0.8	16.5