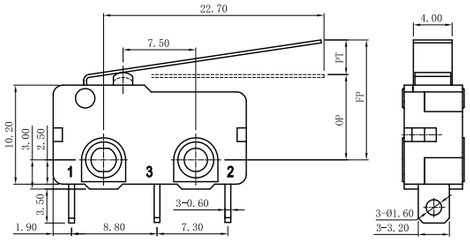
■ Dimensions and Operating Characteristics

◆G6□□-□□□S03A

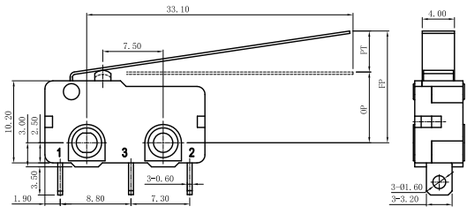




OF Max (gf)		RF Min (gf)	PT Max (mm)	OT Min (mm)	DT Max (mm)	FP Max (mm)	OP (mm)
-100	25	2	6.1	0.8	1.8	13.5	8.9±1.8
-150	35	6	6.1	0.8	1.8	13.5	8.9±1.8
-250	55	10	6.1	0.8	1.8	13.5	8.9±1.8

◆G6□□-□□□S04A

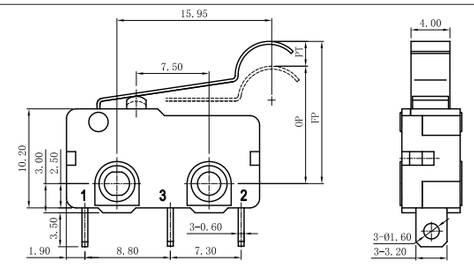




OF Max (gf)		RF Min (gf)	PT Max (mm)	OT Min (mm)	DT Max (mm)	FP Max (mm)	OP (mm)
-100	15	2	7.5	1.5	2.0	15.5	8.9±2.0
-150	30	4	7.5	1.5	2.0	15.5	8.9±2.0
-250	45	7	7.5	1.5	2.0	15.5	8.9±2.0

◆G6□□-□□□S05A

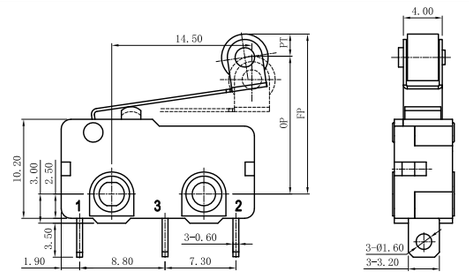




OF Max (gf)		RF Min (gf)	PT Max (mm)	OT Min (mm)	DT Max (mm)	FP Max (mm)	OP (mm)
-100	35	5	5.0	0.6	1.0	18.5	12.2±1.5
-150	45	6	5.0	0.6	1.0	18.5	12.2±1.5
-250	75	10	5.0	0.6	1.0	18.5	12.2±1.5
-350	100	20	5.0	0.6	1.0	18.5	12.2±1.5

◆G6□□-□□□S06A

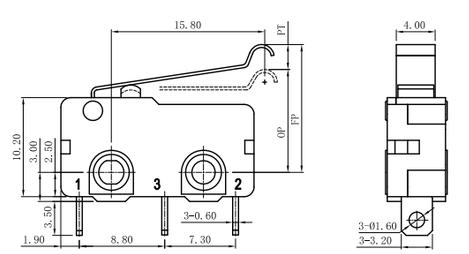




OF Max (gf)		RF Min (gf)	PT Max (mm)	OT Min (mm)	DT Max (mm)	FP Max (mm)	OP (mm)
-100	40	6	3.8	0.8	1.0	17.6	14.6±1.0
-150	50	8	3.8	0.8	1.0	17.6	14.6±1.0
-250	80	15	3.8	0.8	1.0	17.6	14.6±1.0
-350	110	30	3.8	0.8	1.0	17.6	14.6±1.0

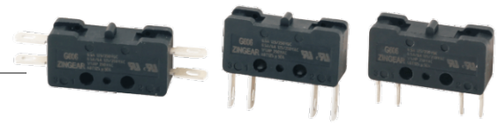
◆G6□□-□□□S07A





OF Max (gf)		RF Min (gf)	PT Max (mm)	OT Min (mm)	DT Max (mm)	FP Max (mm)	OP (mm)
-100	40	6	4.5	0.8	1.0	14.4	10.8±1.2
-150	50	8	4.5	0.8	1.0	14.4	10.8±1.2
-250	80	15	4.5	0.8	1.0	14.4	10.8±1.2
-350	110	20	4.5	0.8	1.0	14.4	10.8±1.2

Series-G606



DPDT Micro Switch 1NO+1NC

■Features

-Compact Size and Tight Configuration
-Long Life, High Reliability
-Variety Double-Break Type
-DPDT Double-Break Type
-Widely used in Industry Control, etc.

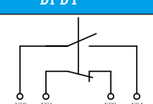
■ Application

◆ Float
◆ Sewage pump

■ Parameters:

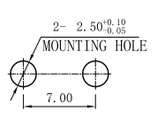
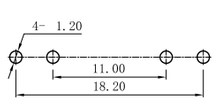
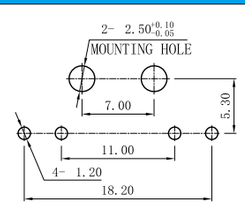
Rating	06	0.5A 125/250VDC
		0.5A/6A 125/250VAC, 1/4HP 250VAC
Operating Frequency	Electrical	10~30 cycles/minute
	Mechanical	120 cycles /minute
Contact Resistance(Initiative)		100mΩ Max (Depends on P/Ns)
Insulation Resistance		100MΩ Min(at 500VDC)
Dielectric Strength		AC 750V RMS(50-60Hz)
Storgage Temperature		-40° C~+125° C
Storgage Humidity		85%RH Max
Service Life	Electrical	50, 000~100, 000 Cycles(Depends on P/Ns)
	Mechanical	500,000 cycles
Unit Weight		Approx, 1.96g (solder terminals, without lever)

■Circuit Configuration

DPDT	DPDT-NO
	

■Mounting Hole Dimensions

(单位/Unit:mm)

Mounting Hole Dimensions	Mounting Hole Dimension of PCB at bottom	Mounting Hole Dimension of Angled PCB terminal
		

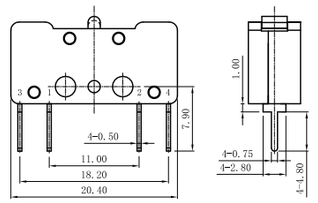
G606 Series Micro Switch Ordering Instruction

XX	Special Designator	A special designator letter is used only when Terminal Type is "*" or Operating Force is "*" to specify that the terminals or Operating Force is special.Review Product Specification to determine
K	Special Designator	General
		K No Auto Reset
		… Other
D	Circuit Code	D DPDT 1NO/1NC
		E DPDT -NO
00	Lever Type	00 No lever Pin Plunger
		11 Straight lever
		12 Straight lever(with hole)
		13 Short Straight lever
		16 Short Straight lever
		… Other
K	Terminal Style	K Long solder Terminal
		P Straight PCB Terminal
		F side solder terminal
		R Right side PCB Terminal
		L leftside PCB Terminal
200	Operating Force at pin Plunger,Max	050 50gf 0.49N (Only for 0.1A rating) (no automatic reset function , should be acted by lever)
		200 200gf 1.96N (Only for automatic reset function)
		F Special Operating Force
06	Electrical Rating	06 UL/CUL: 0.5A 125/250VDC 0.5A/6A 125/250VAC 1/4HP 250VAC 5E4 μ 40T125
G6	Switch Type	G6 series micro switch

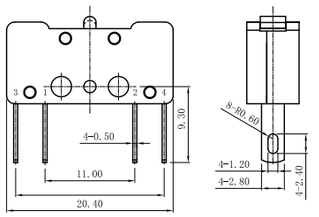
■ Terminal Type

◆ Thickness of Terminals:0.5mm

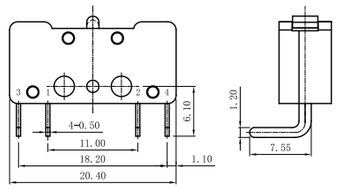
P Type Straight PCB Terminals



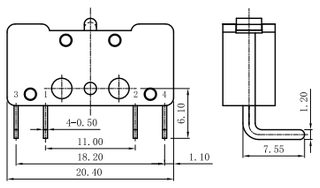
K Type Long Solder Terminals



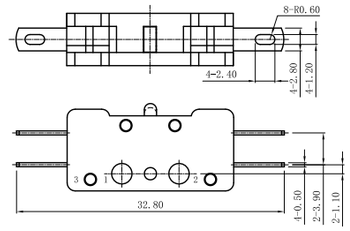
L Type Left Angled PCB Terminals



R Type Right Angled PCB Terminals



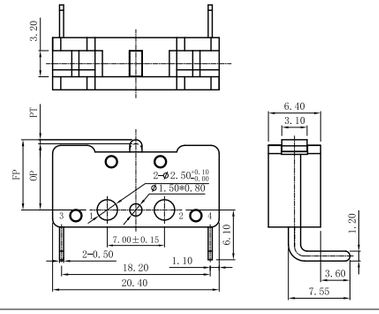
F Type Lateral Solder Terminals



■Dimensions and Operating Characteristics

◆G606-200R00E



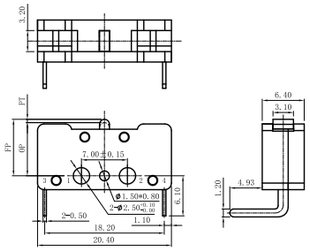


OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

■Dimensions and Operation Characteristics

◆G606-200L00E

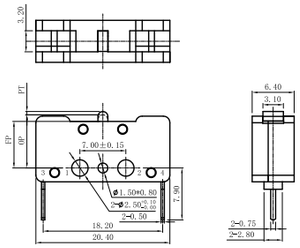




OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200P00E

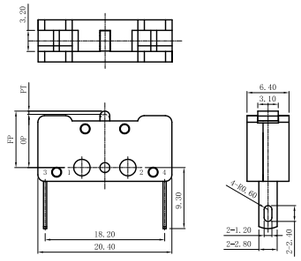




OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200K00E

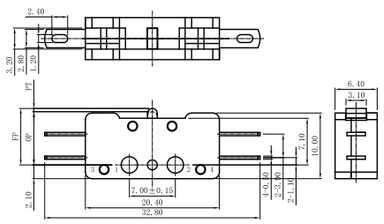




OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200F00D

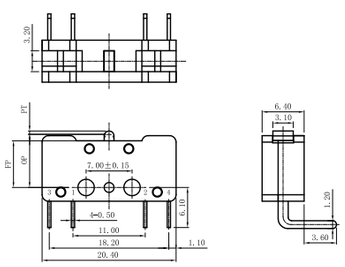




OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200R00D



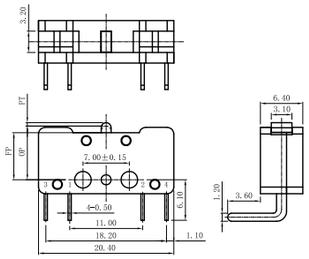


OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

■Dimensions and Operation Characteristics

◆G606-200L00D

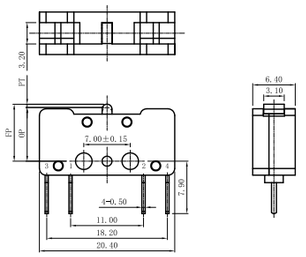




OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200P00D

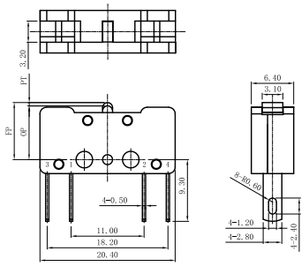




OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200K00D

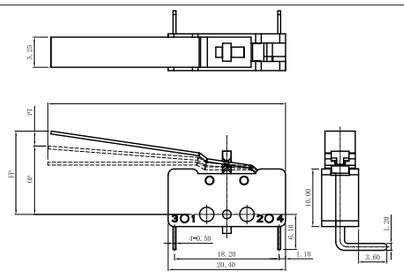




OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200R11EK

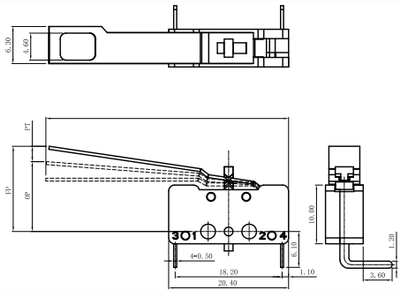




Postive direction operating force	12gf MAX
Negative direction operating force	12gf MAX
Positive direction travel	8.0mm MAX
Negative direction travel	8.6mm MAX
Positive direction free position	19.0mm MAX
Negative direction free position	9.5mm MAX
Positive direction operating position	12.05±1.5mm
Negative direction operating position	15.5±1.0mm

◆G606-200R12EK





Postive direction operating force	12gf MAX
Negative direction operating force	12gf MAX
Positive direction travel	8.0mm MAX
Negative direction travel	8.6mm MAX
Positive direction free position	19.0mm MAX
Negative direction free position	9.5mm MAX
Positive direction operating position	12.05±1.5mm
Negative direction operating position	15.5±1.0mm