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.

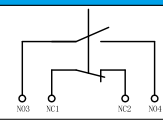
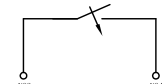
■ Application

◆ Float
◆ Sewage pump

■ Parameters:

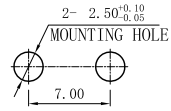
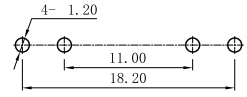
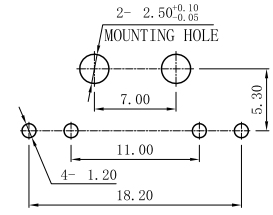
Rating	06	0.5A 125/250VDC
		0.5A/6A 125/250VAC, 1/4HP 250VAC
Operating Frequency	Electrical	10~30 cycles/minute
	Mechanical	120 cycles /minute
Contact Resistance(Initiative)		100mΩ Max (Depends on P/Ns)
Insulation Resistance		100MΩ Min(at 500VDC)
Dielectric Strength		AC 750V RMS(50-60Hz)
Storgage Temperature		-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
		

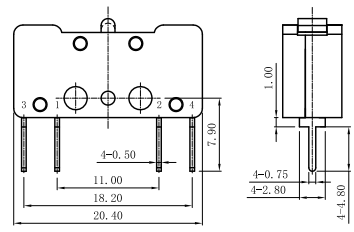
G606 Series Micro Switch Ordering Instruction

G6	06	200	K	00	D	K	XX
Switch Type	Electrical Rating	Operating Force at pin Plunger, Max	Terminal Style	Lever Type	Circuit Code	Special Designator	Special Designator
G6 series micro switch	06 UL/CUL: 0.5A 125/250VDC 0.5A/6A 125/250VAC 1/4HP 250VAC 5E4 μ40T125	050 50gf 0.49N (Only for 0.1A rating) (no automatic reset function, should be acted by lever)	K Long solder Terminal	00 No lever Pin Plunger	D DPDT 1NO/1NC	General	A special designator letter is used only when Terminal Type is "T" or Operating Force is "F" to specify that the terminals or Operating Force is special. Review Product Specification to determine
		200 200gf 1.96N (Only for automatic reset function)	P Straight PCB Terminal	11 Straight lever	E DPDT -NO	K No Auto Reset	
		F Special Operating Force	F side solder terminal	12 Straight lever(with hole)		... Other	
			R Right side PCB Terminal	13 Short Straight lever			
			L leftside PCB Terminal	16 Short Straight lever			
				... Other			

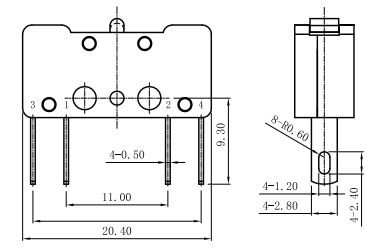
■ Terminal Type

◆ Thickness of Terminals:0.5mm

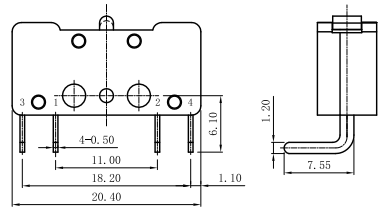
P Type Straight PCB Terminals



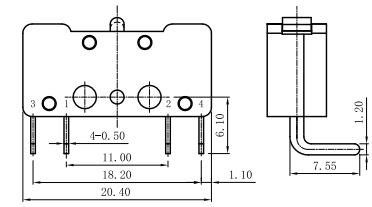
K Type Long Solder Terminals



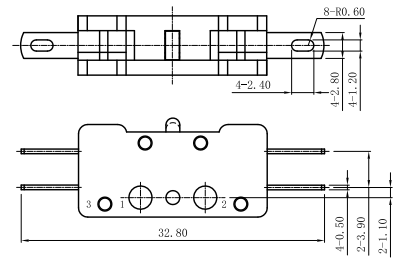
L Type Left Angled PCB Terminals



R Type Right Angled PCB Terminals

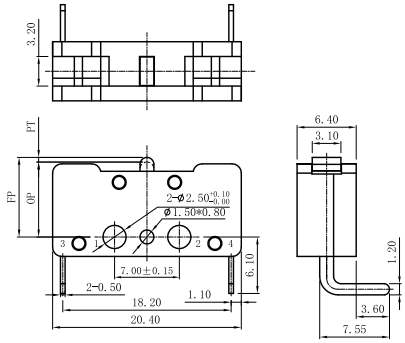


F Type Lateral Solder Terminals



■Dimensions and Operating Characteristics

◆G606-200R00E

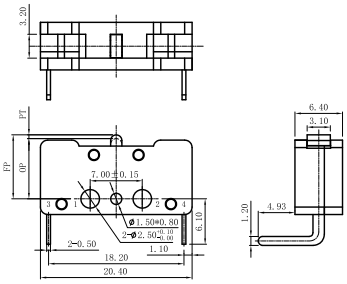


OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

Unionwell

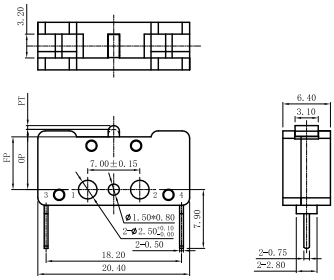
■Dimensions and Operation Characteristics

◆G606-200L00E



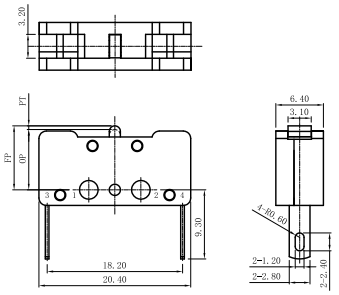
OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200P00E



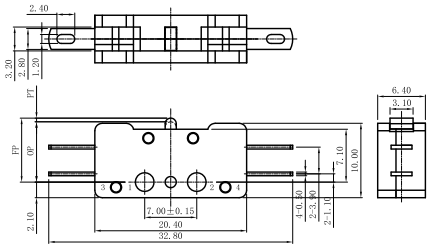
OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200K00E



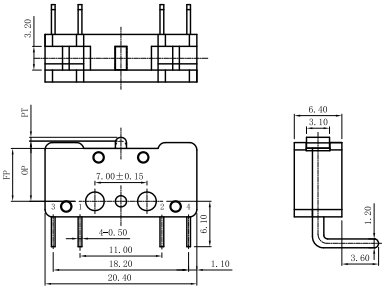
OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆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

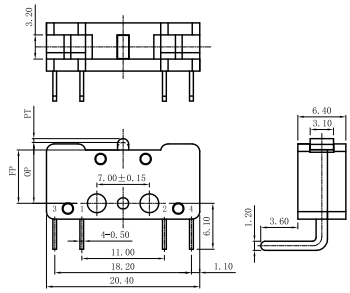


OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

Unionwell

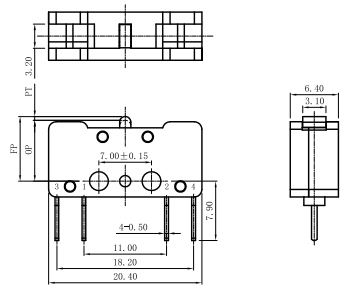
■Dimensions and Operation Characteristics

◆G606-200L00D



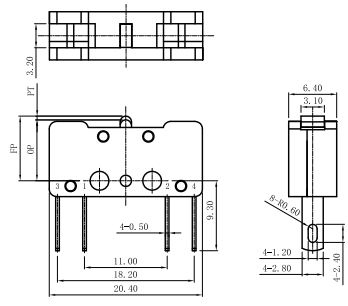
OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200P00D



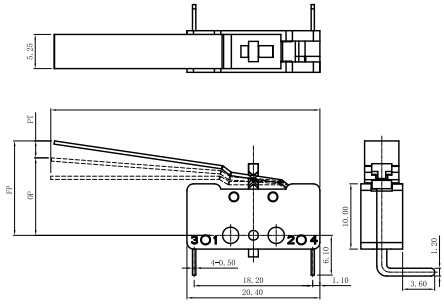
OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆G606-200K00D



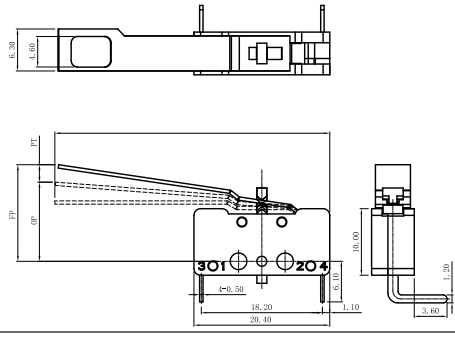
OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	OP (mm)
200	40	1.5	0.25	0.45	9.5	7.7±0.3

◆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