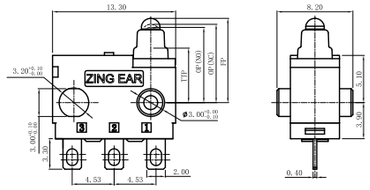
■Switch Lever and Operating Characteristics

◆G306-150S00□□

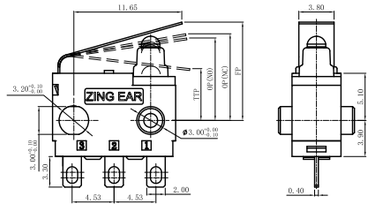




OF	150gf Max.
FP	9.2mm Max.
OP-NC	8.7 ± 0.3mm
OP-NO	8.4 ± 0.3mm
OT-NC	2.5mm Min.
OT-NO	2.2mm Min.
TTP	6.1mm Max.

◆G306-150S08□□

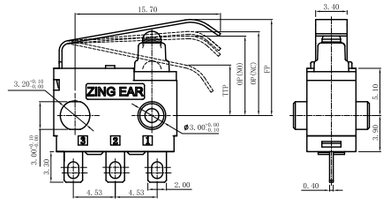




OF	170gf Max.
FP	11.5mm Max.
OP-NC	9.3 ± 0.5mm
OP-NO	8.8 ± 0.5mm
OT-NC	3.0mm Min.
TTP	6.2mm Max.

◆G306-150S09□□

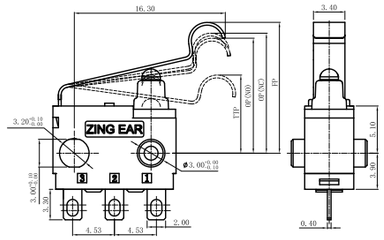




OF	170gf Max.
FP	11.3mm Max.
OP-NC	9.6 ± 0.6mm
OP-NO	9.1 ± 0.6mm
OT-NC	2.8mm Min.
TTP	6.2mm Max.

◆G306-150S41□□

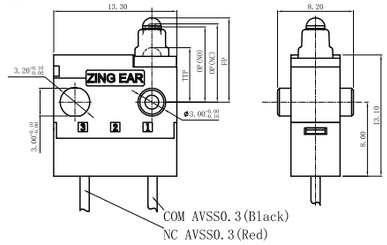




OF	170gf Max.
FP	14.4mm Max.
OP-NC	13.0± 0.8mm
OP-NO	12.5± 0.8mm
OT-NC	3.5mm Min.
TTP	8.7mm Max.

◆G306-150E00BA-□□





OF	150gf Max.
FP	9.2mm Max.
OP	8.4 ±0.3mm
OT	2.2mm Min.
TTP	6.1mm Max.

G307 Sub-Miniature Micro Switch



■Features

-High reliability and good resistance to environment, sealed micro switch with long travel
-Double slide contact and high reliability sliding contact structure
-With high temperature resistance(+85 ° C)and waterproof structure, can be widely applied in different environments, IP67 rated (except for terminals)
-Widely used in Automotive Electronics,Appliance and Industrial Control etc.

■Application

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

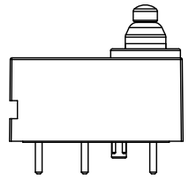
■Parameters:

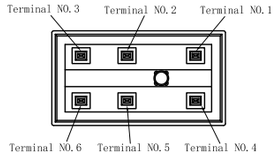
Operating Speed		1~500mm/s(relative to drive mode)
Operating Frequency		120 cycles/min
Insulation Resistance(Initial Value)		≥100MΩ (DC 500V insulating-resistance meter)
Contact Resistance(Initiative)	Terminal	≤100mΩ
Voltage Resistance	Between terminals	AC500V,50/60HZ,1min.
	Between terminals and uncharged metal parts	AC1000V,50/60HZ,1min.
Vibration Resistance	No transformation action	10-55HZ Double amplitude1.5mm
Service Life	Electrical	300000cycles(20cycles/min) 12V DC 0.1A 5V DC 50μA
	Mechanical	300,000 cycles/min (30cycles/min)
Storage Temperature		-40～+85° C
Storage Humidity		85% RH Max

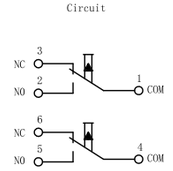
G307 Series Micro Switch Ordering Instruction

T001	Custom code	General	Custom model	Other
			T001	...
00	Lever Type	NO Lever pin plunger	01#Lever	Other
		00	01	...
A	Circuit Code	DPDT	DPST-NC	DPST-NO
		A	B	C
P	Terminal Type	P Straight PCB Terminals	S SMT Terminals	... Special Terminals
150	Max Operating Force at Pin Plunger	150 150gf Max	... Other	
G307	Switch Type	Switch Type		

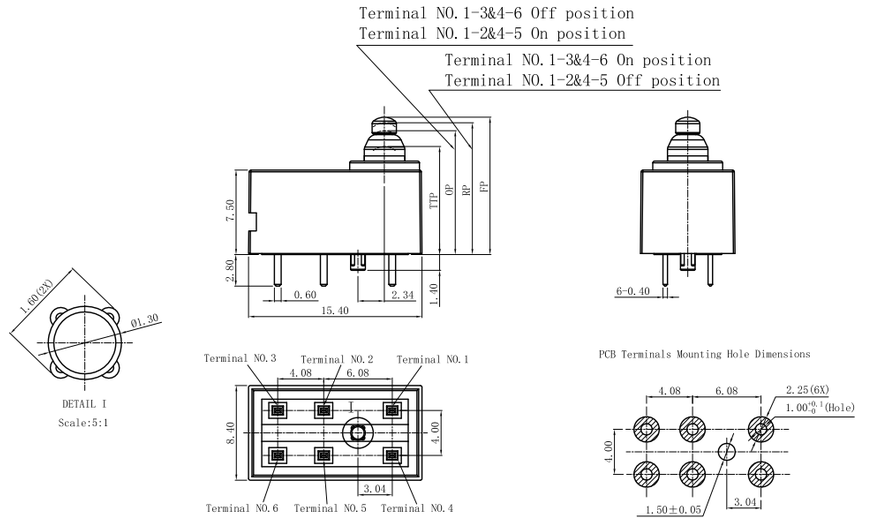
■Circuit





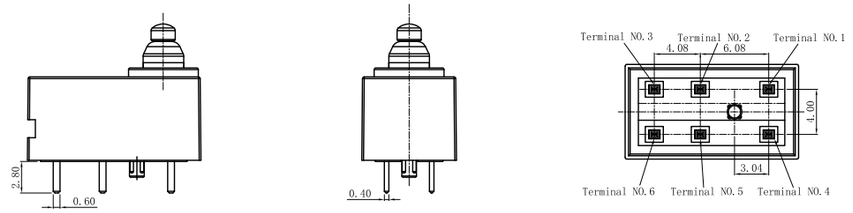


■Dimensions and Operating Characteristics of Basic Shape

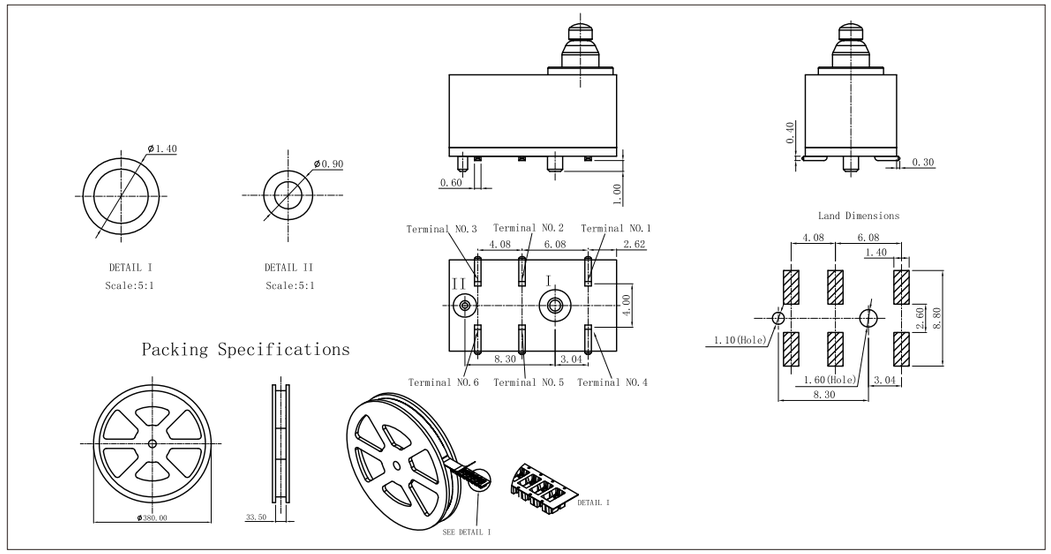


■Terminal Type

◆PCB Terminal



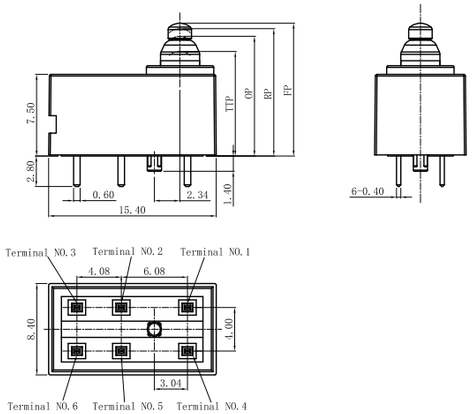
◆SMT terminal



■ Dimensions and Operating Characteristics (unit:mm)

◆G307-150PA00

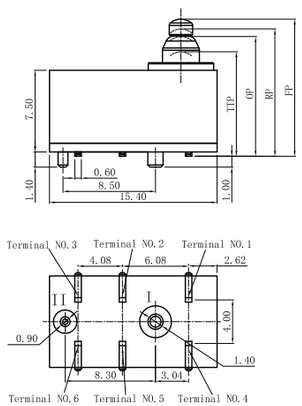


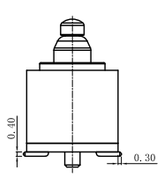


Part NO.	G307-150PA00
OF	200gf Max.
FP	12.2 (+0.4, -0.20) mm
OP	11.0±0.3mm
RP	11.7±0.35mm
TTP	9.8mm Max.

◆G307-150SA00







Part NO.	G307-150SA00
OF	200gf Max.
FP	12.6 (+0.4, -0.20) mm
OP	11.4±0.3mm
RP	12.1±0.35mm
TTP	10.2mm Max.

G5 Series-BasicMicroSwitch



Basic Micro Switch

■ Features

- ◆ Tight configuration, small contact gap, snap action, high sensitivity and small operating travel
- ◆ Long life, high reliability
- ◆ Global safety approvals
- ◆ Variety of terminals
- ◆ Wide operating force(7gf~600gf)
- ◆ Wide Range Temperature Grade(-40° C~+150° C) , 200° Optional
- ◆ With optional PTI grade(175V , 250V, 600V)
- ◆ Variety of levers
- ◆ Widely used in appliances, electronic equipments, automatic machines, communication equipments, car electrics, apparatus and instrument, power tooletc

■ Application

- ◆ Home Appliance
- ◆ Electric Equipments
- ◆ Automatic Equipments
- ◆ Communication Equipments
- ◆ Car Electrics
- ◆ Apparatus and Instruments
- ◆ Power Tools

■ Parameters

Operating speed		0.1mm -1m/s(Related with actuator forms)
Operating frequency		Mechanical 60 cycles/min; Electrical 15 cycles/min.
Insulation resistance		≥100M Ω (500VDC)
Contact resistance (Initial value)		≤100m Ω
Voltage Resistance	Between each terminals of the same polarity	AC1000V, 50/60HZ, 1min.
	Between current-carrying metal part and ground. and between each terminal and non-current carring metal parts	AC1500V, 50/60HZ, 1min.
Vibration resistance		10-55HZ, 1.5mm Double amplitude
Shock resistance		Destruction: OF>1.0N: 1000m/s2 (approx. 100G) max. OF≤1.0N: 400m/s2 (approx. 40G) max. Destruction: OF>1.0N: 200m/s2 (approx. 20G) max. OF≤1.0N: 100m/s2 (approx. 10G) max.
Service Life		Mechanical ≥10,000,000 cycles or 1,000,000 cycles Electrical ≥50,000 cycles or 100,000 cycles
Unit Net Weight		Approx. 6.2g(No lever).