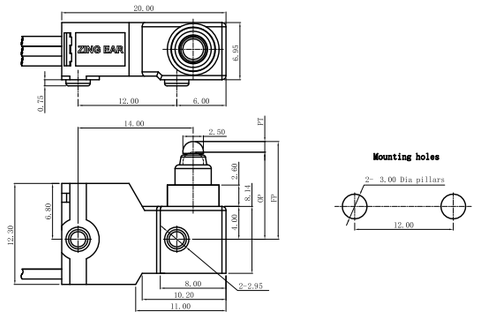
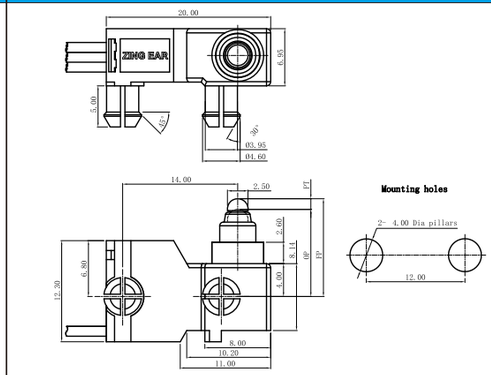
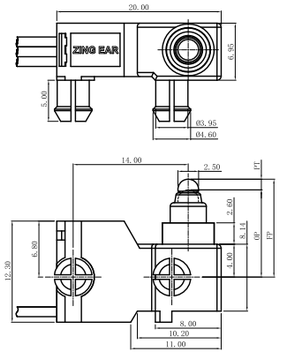
■Dimensions and Operating Characteristics of Basic Shape

E:¢2.95mmX0.75mm Mounting pin size	D:¢4.6mmX5.0mm Criss-cross Mounting pin size
	

■Switch Lever and Operating Characteristics

◆G305-130F00A34D-IF

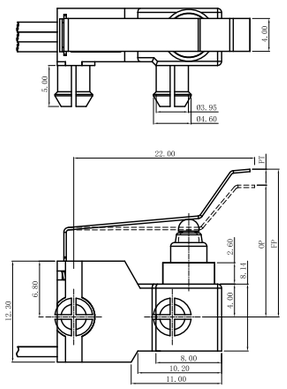




OF Max (gf)	RF Min (gf)	PT Max (mm)	OT Min (mm)	DT Max (mm)	FP Max (mm)	OP (mm)
-130	200	25	1.5	0.7	0.6	12.1	10.60±0.4

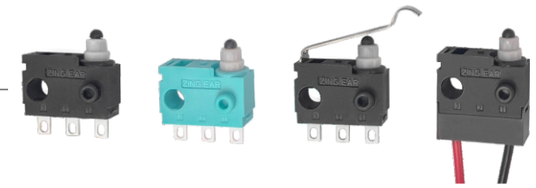
◆G305-130F13A34D-IF





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	21	16.0±0.8

G306 Subminiature Micro Switch



■ Features

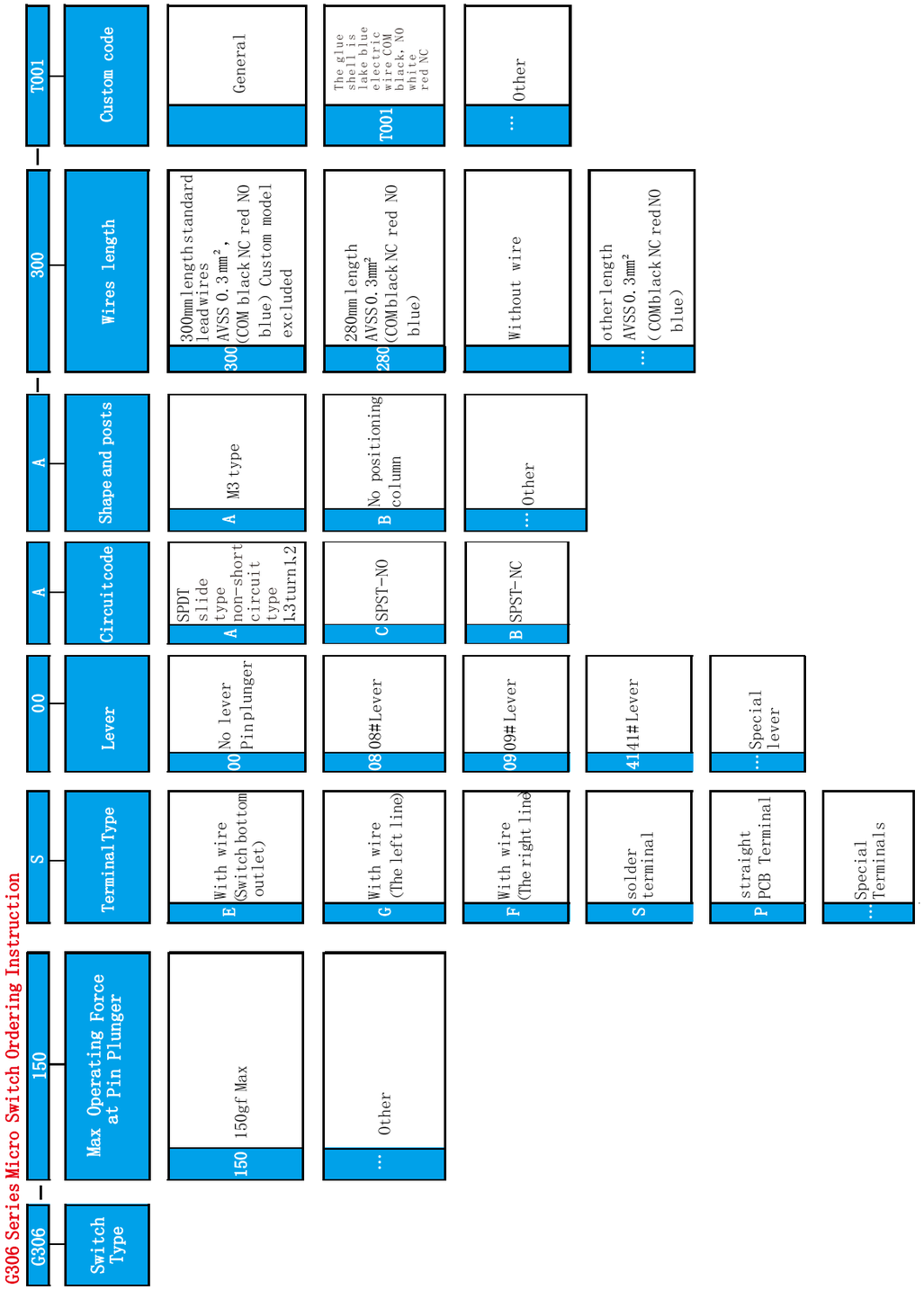
-High reliability and good resistance to environment, sealed micro switch with long travel
-With long travel, can work excently even without lever
-High reliability sliding contact structure
-With high temperature resistance (+85 ° C) and drip-proof structure, can be widely applied in different environments, IP67 rated (except for terminals)
-Widely applied for home appliances, electronic equipments, automatic equipments, communication equipments, auto electronics, apparatus and instruments, electrical tools etc.

■ Application

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

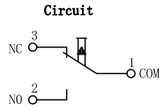
■ Parameters:

Operating Speed		1~500mm/s
Operating Frequency		120cycle/min
Insulation Resistance		≥100MΩ (DC 500V insulating-resistance meter)
Contact Resistance (Initial Value)	With terminals type	≤100mΩ
	With wire type	≤500mΩ (300 mm wire length)
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 amplitude 1.5mm
Service Life	Electrical	300000 cycles (20 min) DC30V 0.1A DC14V 10mA
	Mechanical	300,000 cycles (30 cycle/min)
Protection Level		IEC IP67 (Except the terminal part)
Storage Temperature		-40～+85 °C 60%RH under (With no icing or condensation)
Storage Humidity		95%RH under (+5～+35 °C)

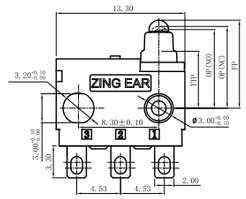


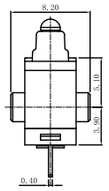
Circuit

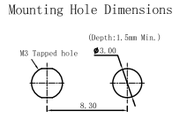




Dimensions and Operating Characteristics of Basic Shape

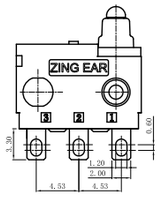


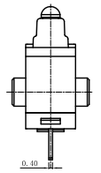




Terminals Type(can be customized)

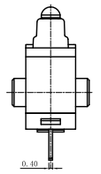
◆Solder Terminals

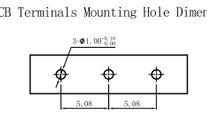




◆PCB Terminals

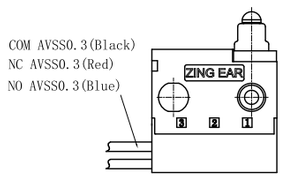






◆Conductor type outgoing direction

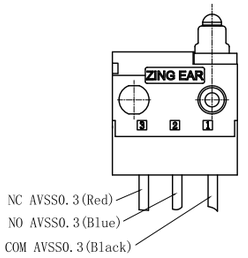
Left Wire



Right Wire



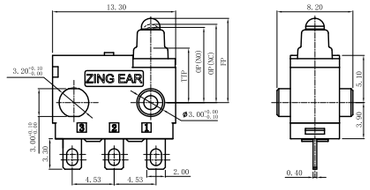
Bottom Wire



■Switch Lever and Operating Characteristics

◆G306-150S00□□

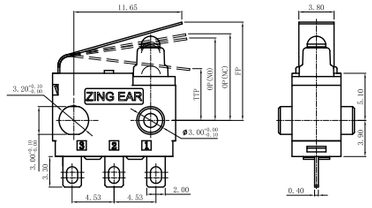




OF	150gf Max.
FP	9.2mm Max.
OP-NC	8.7 ± 0.3mm
OP-NO	8.4 ± 0.3mm
OT-NC	2.5mm Min.
OT-NO	2.2mm Min.
TTP	6.1mm Max.

◆G306-150S08□□

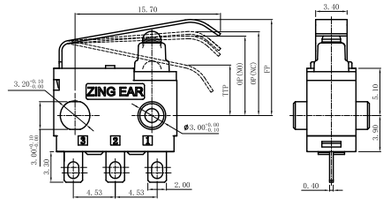




OF	170gf Max.
FP	11.5mm Max.
OP-NC	9.3 ± 0.5mm
OP-NO	8.8 ± 0.5mm
OT-NC	3.0mm Min.
TTP	6.2mm Max.

◆G306-150S09□□

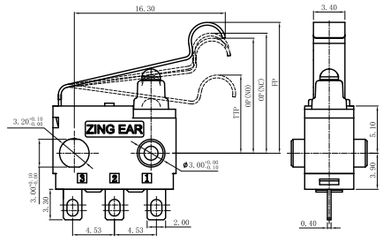




OF	170gf Max.
FP	11.3mm Max.
OP-NC	9.6 ± 0.6mm
OP-NO	9.1 ± 0.6mm
OT-NC	2.8mm Min.
TTP	6.2mm Max.

◆G306-150S41□□

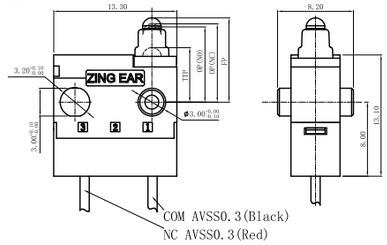




OF	170gf Max.
FP	14.4mm Max.
OP-NC	13.0± 0.8mm
OP-NO	12.5± 0.8mm
OT-NC	3.5mm Min.
TTP	8.7mm Max.

◆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