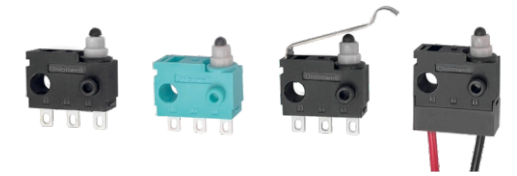


## G306 Series

### Sealed Clip Type Subminiature Micro Switch



#### ■ Features

- ◆ High reliability and good resistance to environment, sealed micro switch with long travel
- ◆ With long travel, can work easily even without lever
- ◆ 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 applied for home appliances, electronic equipment, automatic equipments, communication equipment, auto electronics, apparatus and instruments, power tools, etc.

#### ■ Application

- ◆ Home Appliances
- ◆ Electronic Equipment
- ◆ Automatic Equipment
- ◆ Communication Equipment
- ◆ Auto Electronics
- ◆ Apparatus and Instruments

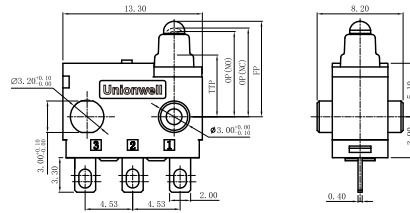
#### ■ Parameters:

Operating Speed		1~500mm/s
Operating Frequency		120 cycles/min.
Insulation Resistance		≥100MΩ (at 500VDC)
Contact Resistance (Initiative)	With Terminals Type	≤100mΩ
	With Wire Type	≤500mΩ (Standard Wire Length 300mm)
Voltage Resistance	Between Terminals	AC500V, 50/60Hz, 1min.
	Between Terminals Uncharged Metal Parts	AC1,000V, 50/60Hz, 1min.
Vibration Resistance	No Transformation Action	10-55Hz (Double Amplitude 1.5mm)
Service Life	Electrical	300,000 cycles (20 cycles/min.) DC300V 0.1A DC14V 10mA
	Mechanical	300,000 cycles (30 cycles/min.)
Protection Level		IEC IP67 (Exclude Terminals)
Operating Temperature		< -40~+85°C 60%RH
Operating Humidity		< 90%RH (+5~35°C)



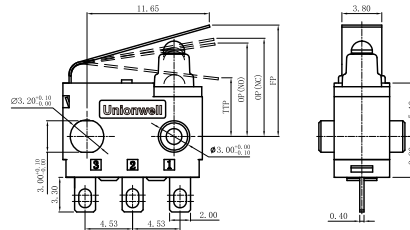
## Switch Lever and Operating Characteristics

### ◆ G306-150S00□□U



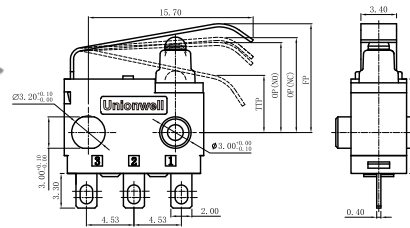
( OF )	150gf Max.
( FP )	9.2mm Max.
( OP-NC )	8.7 ± 0.3mm
( OP-NO )	8.4 ± 0.3mm
( OT-NC )	2.5mm Min.
( OT-NO )	2.2mm Min.
( TTP )	6.1mm Max.

### ◆ G306-150S08□□U



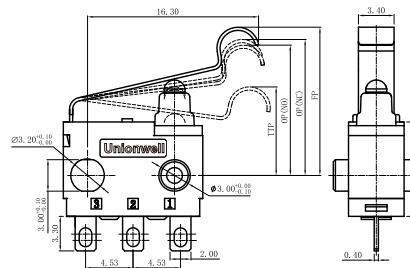
( OF )	150gf Max.
( FP )	11.5mm Max.
( OP-NC )	9.3 ± 0.6mm
( OP-NO )	8.8 ± 0.6mm
( OT-NC )	3.0mm Min.
( TTP )	6.2mm Max.

### ◆ G306-150S09□□U



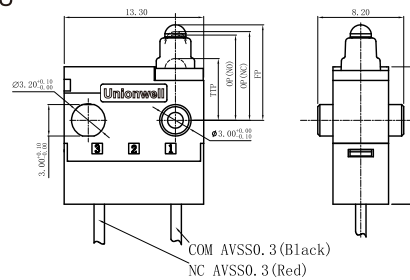
( OF )	170gf Max.
( FP )	11.3mm Max.
( OP-NC )	9.6 ± 0.6mm
( OP-NO )	9.1 ± 0.6mm
( OT-NC )	2.8mm Min.
( TTP )	6.2mm Max.

### ◆ G306-150S41□□U



( OF )	150gf 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□□U



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