G304(F-Type)Sub-miniature Micro Switch

■ Features

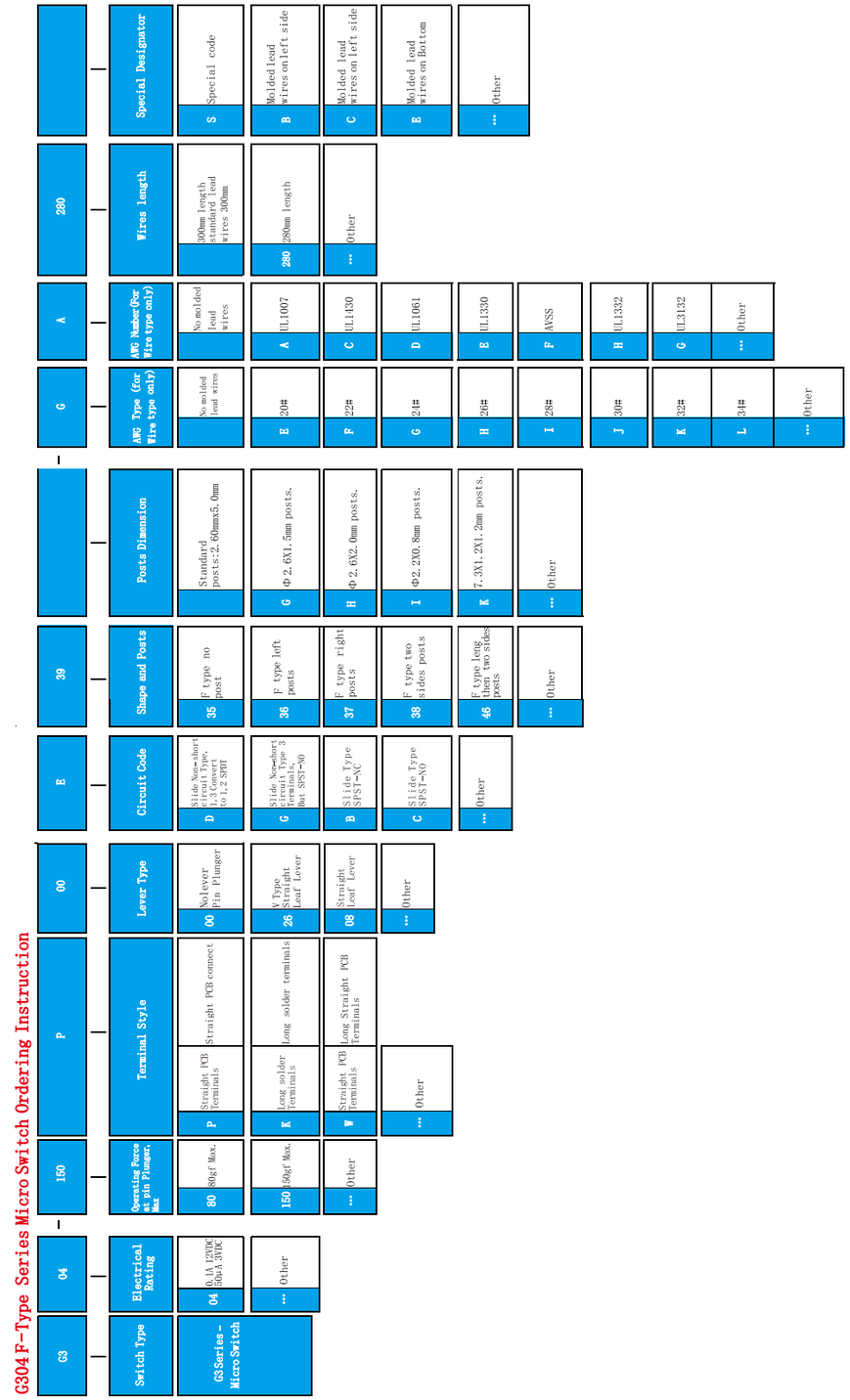
-Designed For Water and Dust Tight(IP67)
-Small Compact Size
-Long Life and High Reliability
-Variety of Levers
-Wide Range of Wiring Terminals
-Widely used in Automotive Electronics,Appliance and Industrial Control etc.
-Customized Designs
-Slide Structure
-Non Short Circuit Conversion

■Application

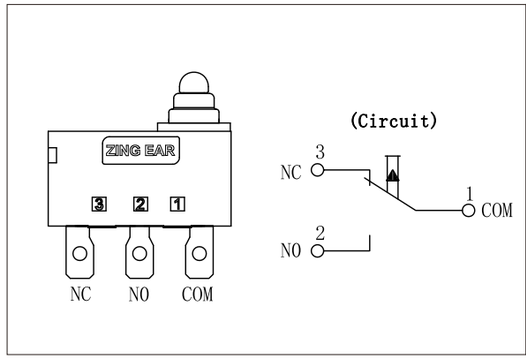
◆Car
◆Air-Comditioner
◆Communication
◆Electric Tooth Brush
◆Toys

■Parameters

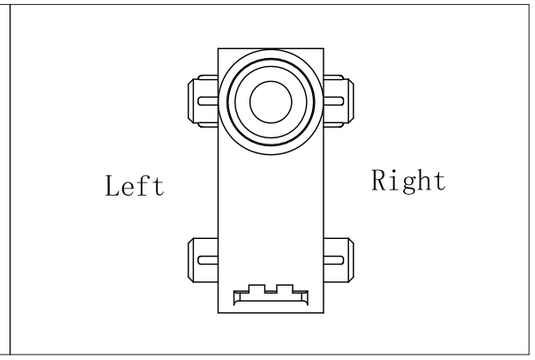
Operation Speed		1~500mm/s
Operating Frequency		120 cycles /min
Insutation Resistance		≥100MΩ (DC 500V)
Contact Resistance (Intial Value)	with terminals type	≤100mΩ
	with wire type	≤500mΩ (300mm length)
Voltage Resistance	Between terminals	AC500V,50/60HZ,1min.
	Between terminals and uncharged metal parts	AC1000V,50/60HZ,1min.
Vibration	No transformation action	10-55HZ
Service Life	Electrical	300000 cycles (20cycles /min) DC12V 0.1A DC3V 50μA
	Mechanical	300,000 cycles (30cycles /min)
Protection Level		IEC IP67
Storage Termperature		-40~+85°C 60%RH
Storage Humidity		95%RH (+5~+35°C)



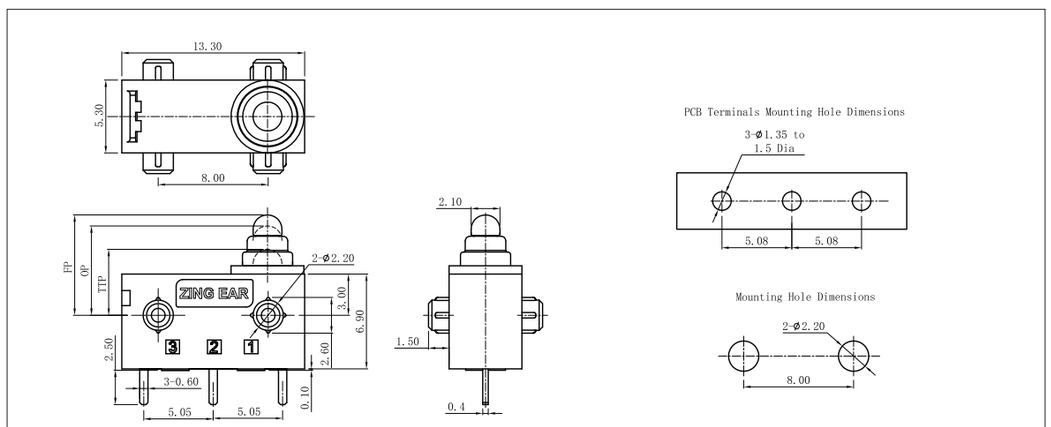
■Circuit



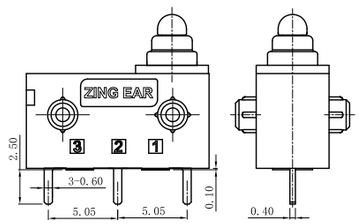
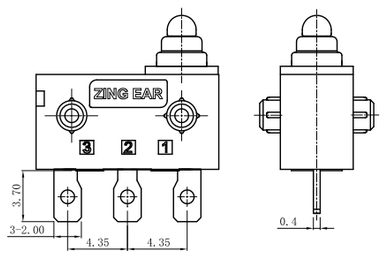
■ Posts direction define



■Basic Mounting Dimensions and Operating Characteristics

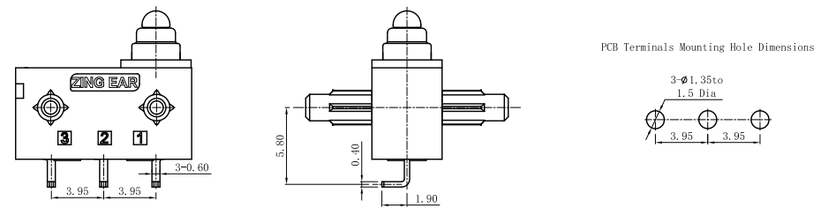


■Switch Terminals Type(Can be customized)

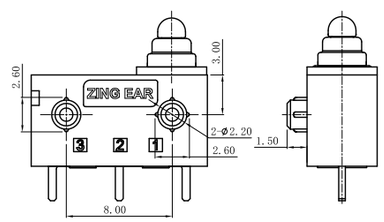
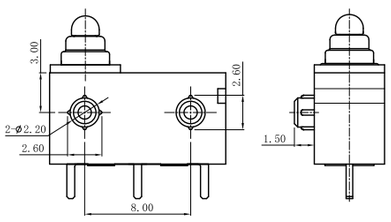
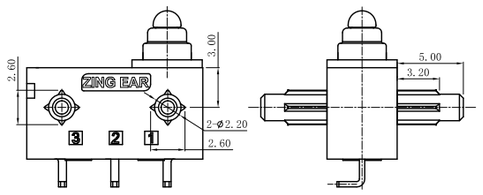
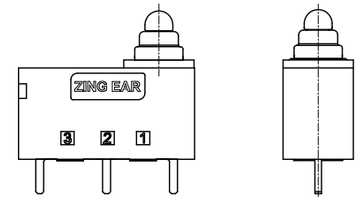
Straight PCB Terminals	Long Solder Terminals
	

■ Switch Terminals Type(Can be customized)

Short Right side PCB Terminals

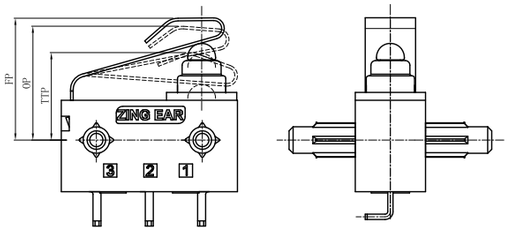


■Posts Type

F Type: ϕ2.60mm×1.5mm Right Posts	F Type: ϕ2.60mm×1.5mm Left Posts
	
Standard Type: 2.60mm×5.0mm Standard Posts	**No Posts**
	

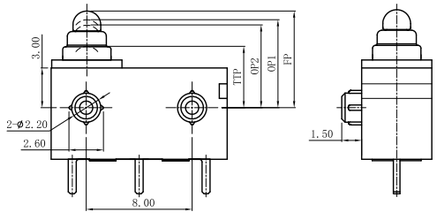
■Dimensions and Operating Characteristics

◆G304-150W26D46



OF Max (gf)	TTP Min (mm)	FP Max (mm)	OP (mm)
300	6.6	9.8	8.6 (+0.5,-0.35)

◆G304-150P00D36G



OF Max (gf)	TTP Min (mm)	FP Max (mm)	OP-NC (mm)	OP-NO (mm)
150	4.8	7.9	6.8±0.3	6.5±0.3

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