

G307



密封型超小型微动开关

■特点/Features

- ◆高可靠性和耐环境性兼备的长行程密封型开关
- ◆采用双夹子式接点的高可靠性滑动接触机构;
- ◆具备高温耐久性(耐热达 +85 °C)及防水结构, 可广泛应用于耐环境性要求高的用途(符合IP67: 端子部分除外)
- ◆广泛应用于家用电气, 电子设备, 自动化设备, 通讯设备, 汽车电子, 仪器仪表电动工具等领域

- 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 drip-proof structure, can be widely applied in different environments, IP67 rated (except for terminals)
- Widely used in Automotive Electronics, Appliance and Industrial Control etc.

■应用/Application

- ◆家用电器
- ◆电子设备
- ◆自动化设备
- ◆通讯设备
- ◆汽车电子
- ◆仪器仪表
- ◆电动工具等领域

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

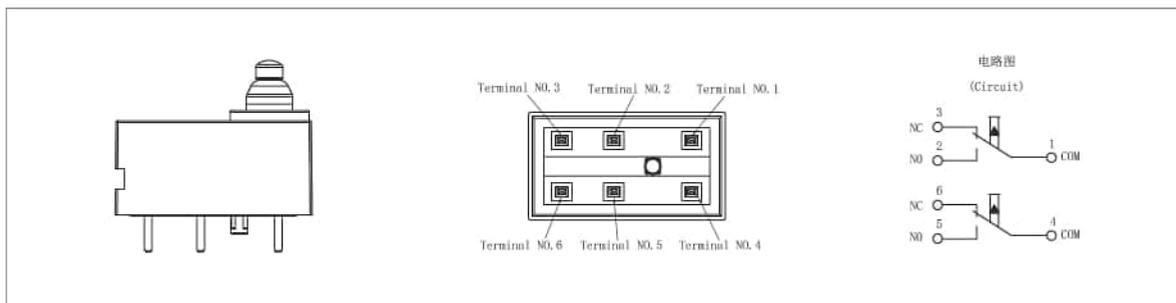
■特性参数/Parameters:

容许线性操作速度/Operating	1~500mm/s (与驱动方式有关)	
容许线性频率/Operating Frequency	120次/min	
绝缘电阻/Insulation Resistance(Initiative)	≥100MΩ (DC 500V 绝缘电阻计)	
接触电阻 (初始值) Contact Resistance(Initiative)	端子/Terminal	≤100mΩ
耐电压 Voltage Resistance	同极端子间/Between terminals	AC500V, 50/60HZ, 1min.
	各端子与非带电金属件之间 Between terminals and uncharged metal parts	AC1000V, 50/60HZ, 1min.
振动/Vibration Resistance	误动作/No transformation action	10-55HZ 双倍振幅1.5mm
寿命/Service Life	电气/Electrical	300000次/cycles(20次/min) 12V DC 0.1A 5V DC 50μA
	机械/Mechanical	300,000次/cycles (30次/min)
保存温度/Storage Temperature	-40~+85° C	
保存湿度/Storage Humidity	85% RH Max	

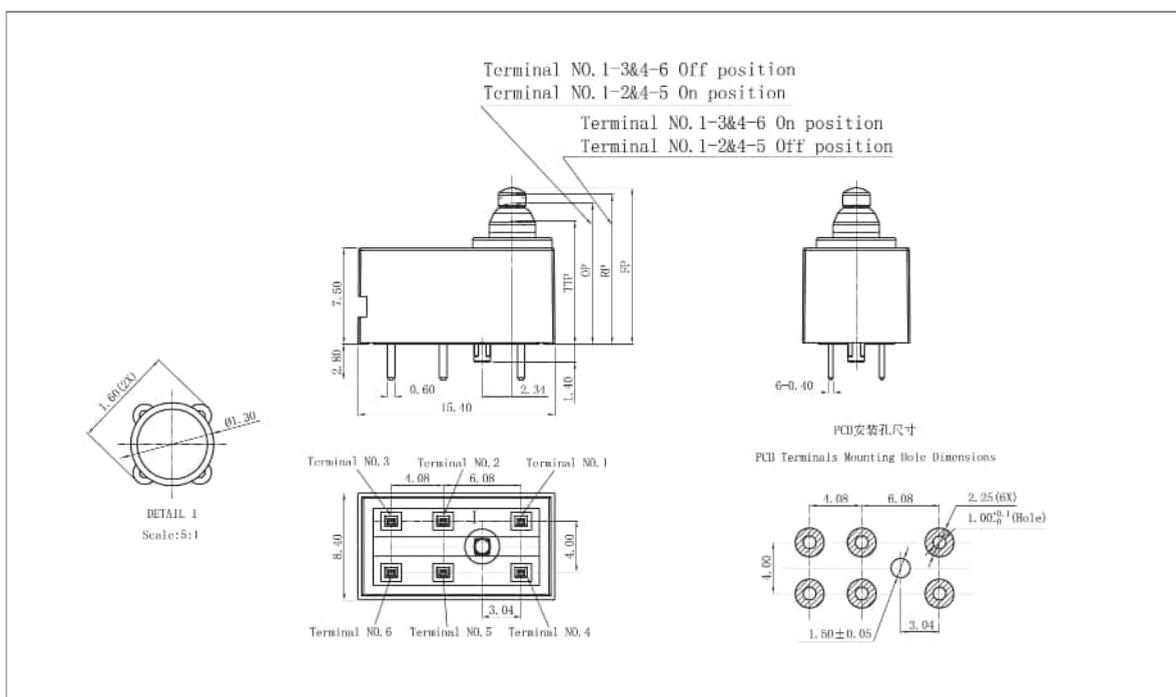
G307 系列微动开关订货型号指引
G307 Series Micro Switch Ordering Instruction

G307	Switch Type 开关类别	Max Operating Force at Pin Plunger 操作力(最大值) 数据在不带操作手柄时测得	Terminal Type 端子类型	Circuit Code 接插形式	Lever Type 操作柄类型	Custom code 定制代码
	Switch Type 开关类别					
	150 150gf Max	Straight PCB Terminals 标准直插PCB端子	A DPDT 双极双投	00 不带操作柄按压 式按钮 NO Lever pin plunger	通用型 General	
	... 其他 Other	S 贴片式端子 Suitable Terminals	B DPST-NC 双极单投-常闭	01 01#操作柄 01#Lever	T001 定制型号	
		... 特殊端子 Special Terminals	C DPST-NO 双极单投-常开	... 其他 Other	... 其他 Other	

■ 电路图/Circuit

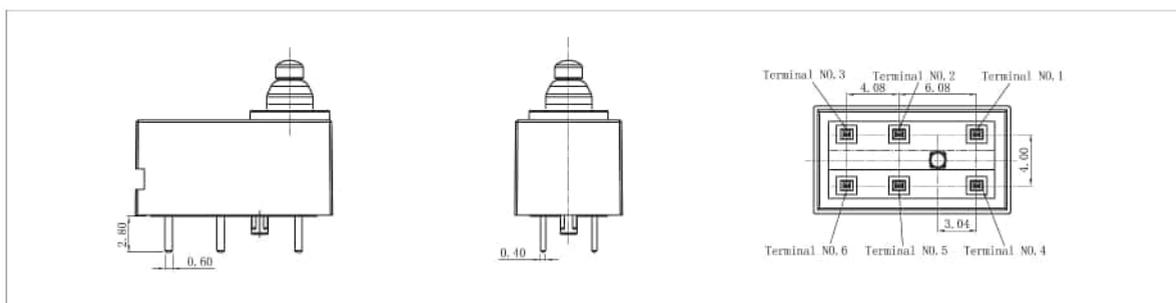


■ 基本型安装尺寸及操作特性图/Dimensions and Operating Characteristics of Basic Shape

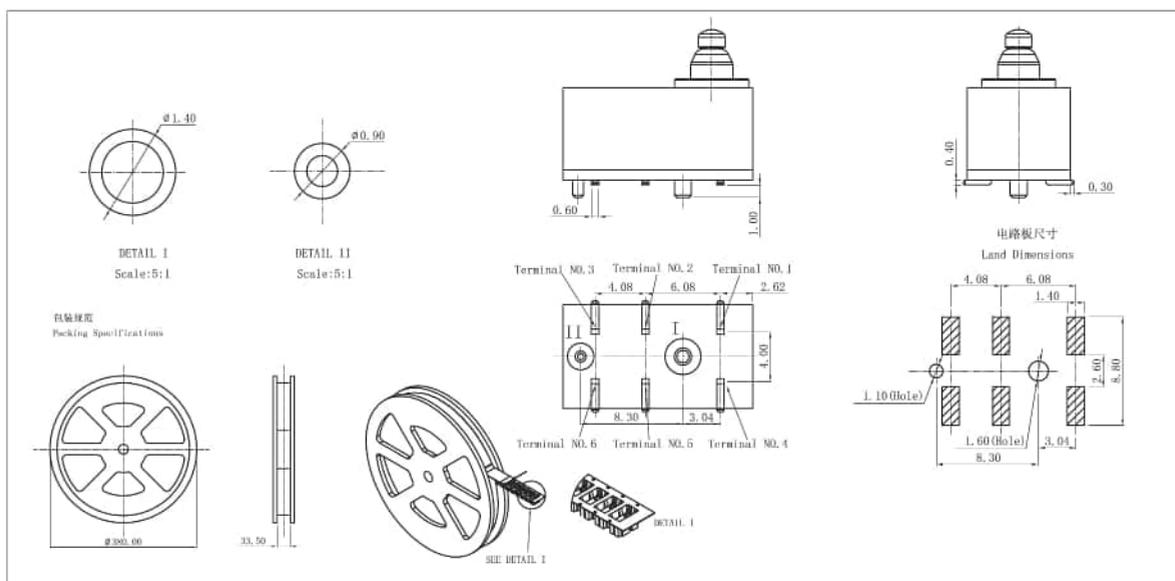


■ 开关端子类型/Terminal Type

◆ PCB板端子/PCB Terminal

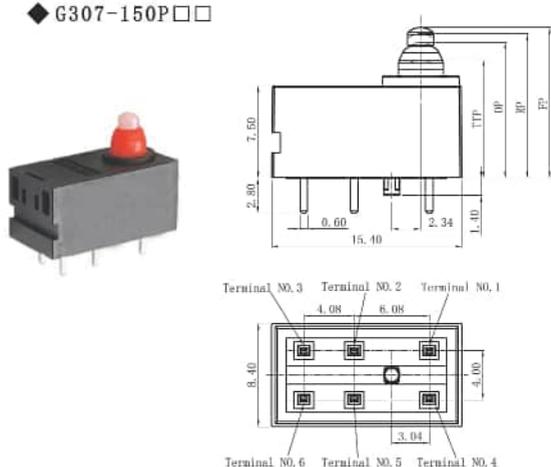


◆贴片式端子(SMT Terminal)



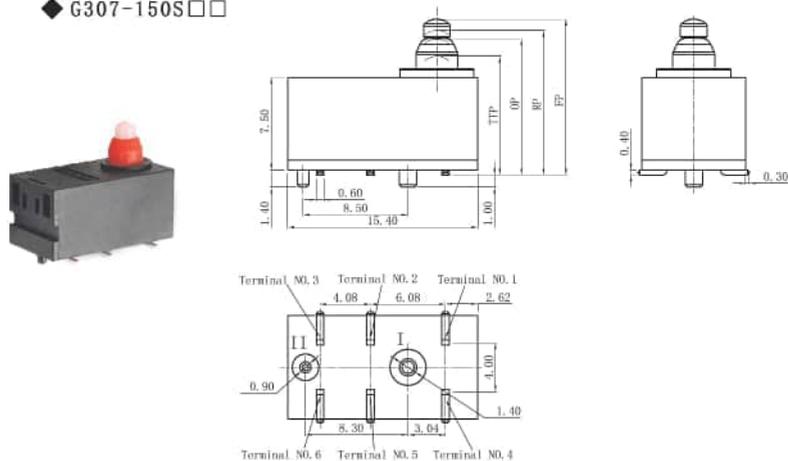
■外形尺寸 (单位: mm) /动作特性/Dimensions and Operating Characteristics

◆ G307-150P□□



型号	G307-150PA00
操作力 (OF)	200gf Max.
自由位置 (FP)	12.2 (+0.4, -0.20) mm
操作位置 (OP)	11.0 ± 0.3mm
回复位置 (RP)	11.7 ± 0.35mm
全行程位置 (TTP)	9.8mm Max.

◆ G307-150S□□



型号	G307-150SA00
操作力 (OF)	200gf Max.
自由位置 (FP)	12.6 (+0.4, -0.20) mm
操作位置 (OP)	11.4 ± 0.3mm
回复位置 (RP)	12.1 ± 0.35mm
全行程位置 (TTP)	10.2mm Max.