

G10

超小型微动开关

Subminiature Micro Switch



■ 特点/Features

- ◆ 体型小巧, 结构紧凑
- ◆ 长寿命, 高可靠性
- ◆ 端子种类齐全
- ◆ 配备各种形式操作手柄
- ◆ 广泛应用于家电及工业控制等领域

- ◆ Small Compact Size
- ◆ Long Life and High Reliability
- ◆ Variety of Terminals
- ◆ Variety of Levers Optional
- ◆ Widely used in Appliance and Industry Control

■ 应用/Application

- ◆ 无线对讲机/Waikie Talkie
- ◆ 鼠标/Mouse
- ◆ 电切刀/Electric Knife
- ◆ 电动订书机/Electric Stapler
- ◆ 电话/Telephone
- ◆ 计算器/Calculator
- ◆ 混合器与切肉刀/Mixer & Chopper
- ◆ 电锅/Electeic Pan
- ◆ 电池充电器/Battery Charger
- ◆ 录像带卷绕机/Video Cassette Rewinder
- ◆ 无线电话/Cordless Phone
- ◆ 报警器/Alarm
- ◆ 测试器/Tester Machine
- ◆ 家用电器/Home Appliance

■ 特性参数/Parameters:

额定值/Rating	P1	0.1A 48VDC/125VAC (可选镀金Gold plated optional)
	03	1A/3A 125VAC
操作频率 Operating Frequency	电气/Electrical	10~30次/分 cycles/minute
	机械/Mechanical	120次/分 cycles/minute
触点电阻(初始值) Contact Resistance (Initial Value)		100mΩ Max (取决于类型/Depends on P/Ns)
绝缘电阻/Insulation Resistance(at500 VDC)		在500VDC 时/At 500VDC, 100MΩ Min
抗电强度/Dielectric Strength		AC 600V RMS (50-60HZ)
保存温度/Storage Temperature		-40℃ ~+85℃
保存湿度/Storage Humidity		85%RH Max
寿命/Service Life	电气/Electrical	6,000~100,000次/cycles(取决于类型/Depends on P/Ns)
	机械/Mechanical	1,000,000次/cycles(5,000,000次/cycles可选Optional)
单重/Unit Net Weight		约0.5g(直PCB无手柄类型) About 0.5g(Straight PCB type without lever)

G10系列微动开关订货型号指引
G10 Series Micro Switch Ordering Instruction

G10		P1		150		S		00		A		XX		TXXX	
Switch Type 开关类型	Electrical Rating 额定负载	Max Operating Force at Pin Plunger 操作力(最大值) 数据在不带操作柄测得	Terminal Type 端子类型	Lever Type 操作柄类型	Circuit code 接插形式	Special Designator 特别设计代码									
G10 Series Micro-Switch	ENE/C/COC 0.1A 48VDC/125VAC P1 5E4 μ 40T85	090 90gf Max	S 标准直焊端子 Solder Terminals	00 不带操作柄 NO Lever 柱式接插 Pin Plunger	A SPDT 单极双投										
	UL/CUL: 0.1A 48VDC/125VAC		P 标准直插PCB端子 Straight PCB Terminals	01 短直手柄10.0mm Short Straight Lever 0.39"											
G10 系列 微动开关	ENE/C/COC 1A/3A, 125VAC 1E4 μ 40T85	150 150gf Max	Q 自锁型PCB端子 Snap in PCB Terminals	02 标准直手柄13.0mm Std. Straight Lever 0.52"											
	UL/CUL: 1A/3A, 125VAC		M 短焊端子 Short Solder Terminals	03 长直手柄18.0mm Long Straight Lever 0.71"											
		...													
			R PCB右侧端子 Right Angled PCB Terminals	05 模拟滚轮 手柄11.8mm Simulated Roller Lever 0.46"											
			L PCB左侧端子 Left Angled PCB Terminals	07 小型模拟滚轮手柄 15.0mm Small Simulated Roller Lever 0.59"											
			K 长焊端子 Long Solder Terminals	09 最长直手柄30.0mm Long straight lever											
			...	10 滚轮手柄 12.80mm Roller lever											
				...											
				...											

此处为特别设计代码
具体需参考规格书来确
定信息间差别。

通用型General

A
镀金
Gold Plated

B
仅适用于小电流
Only for low
current

12
无卤材料
Non-Halogen
Material

特殊手柄
Special Lever

■ 端子类型/Terminal Type

◆ 端子厚度为0.6mm/Terminal thickness:0.6mm

<p>S型/Type 直焊接端子 Straight Solder Terminals</p>	<p>P型/Type 直插PCB端子 Straight PCB Terminals</p>	<p>Q型/Type 自锁PCB端子 PCB snap-in(clip) Terminals</p>
<p>M型/Type 短焊接端子 Short Solder Terminals</p>	<p>R型/Type 右侧PCB端子 Right Angled PCB Terminals</p>	<p>L型/Type 左侧PCB端子 Left Angled PCB Terminals</p>
<p>K型/Type 长焊接端子 Long Solder Terminals</p>	<p>■ 接触形式图/Circuit Configuration</p>	

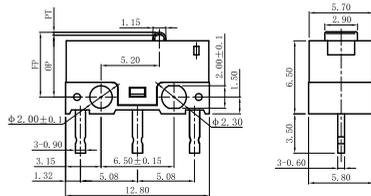
■ 安装孔尺寸/Mounting Hole Dimension

(单位/Unit: mm)

<p>安装孔尺寸 Mounting Hole Dimension</p>	<p>PCB端子安装孔尺寸 Mounting Hole Dimension of PCB Terminals</p>
<p>右向PCB端子安装孔尺寸 Mounting Hole Dimension of Right Angled PCB Terminals</p>	<p>左向PCB端子安装孔尺寸 Mounting Hole Dimension of Left Angled PCB Terminals</p>

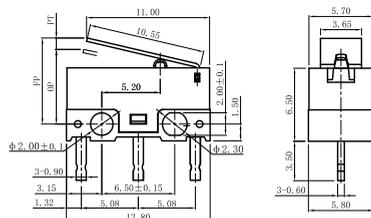
■ 外形尺寸和操作特性/Dimensions and Operating Characteristics

◆ G10□□-□P00A



OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-090	90	15	0.65	0.2	0.2	6.0
-150	150	20				5.5±0.3

◆ G10□□-□P01A



OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-090	10	6	2.5	0.3	0.6	8.0
-150	60	10				6.25±0.8

