



电路简图

开关动作特性 (Switch action Characteristics):

动作特性定义 (The defining characteristics of operation)	动作参数 (Operating Parameter)	简称 (Abbreviation)	单位 (Units)	特性值 (Value)
	自由位置 (Free Position)	FP	mm	15.9 ± 0.2
	动作位置 (Operating Position)	OP	mm	14.9 ± 0.5
	复位位置 (Releasing Position)	RP	mm	15.2 ± 0.5
	总行程位置 (Total travel Position)	TTP	mm	13.1
	动作力 (Operating Force)	OF	N	0.25 ~ 5.0
	回复力 (Releasing Force)	RF	N	—
	总行程力 (Total travel Force)	TTF	N	—
	预行程 (Pre Travel)	PT	mm	0.5 ~ 1.6
	过行程 (Over Travel)	OT	mm	1.0 (Min)
	差行程 (Movement Differential)	MD	mm	0.4 (Max)

开关技术特性 (Switch technical Characteristics):

项目 (ITEM)	技术参数 (technical parameter)	特性值 (Value)
1	电气额定值 (Electrical Rating)	5 (2) A 250VAC
2	动作力 (Operating Force)	1.0 ~ 5.0N
3	动作行程 (Pretravel)	0.6 ~ 1.5mm
4	接触电阻 (Contact Resistance)	≤ 50mΩ (初始值 Initial value)
5	绝缘电阻 (Insulation Resistance)	≥ 100MΩ (500VDC)
6	耐压强度 (Dielectric Voltage)	同极不相接端子间 (between non-connected terminals)
		端子与外壳或非载流金属零件之间 (between terminals and the metal frame)
		500V/0.5mA/60S
		1500V/0.5mA/60S
7	电气寿命 (Electrical Life)	≥ 10000 cycles
8	机械寿命 (Mechanical Life)	≥ 100000 cycles
9	工作温度 (Operating Temperature)	-25 ~ 85°C
10	操作频率 (Operating Frequency)	电气 (electrical) : 15 cycles 机械 (Mechanical) : 60 cycles
11	抗振动 (Vibration Proof)	振动频率 (Vibration Frequency) : 10 ~ 55Hz; 振幅 (Amplitude) : 1.5mm; 三向 (Three directions) : 1H
12	可焊性 (Solder Ability): 超过 80% 的浸锡面积被焊料所覆盖 (More than 80% of immersed part shall be covered with solder)	焊接温度 (Soldering Temperature) : 235 ± 5°C 浸渍时间 (Immersing Time) : 2 ~ 3S
13	耐焊接热 (Solder Heat Resistance)	自动焊接 (Dip Soldering) : 260 ± 5°C 5 ± 1S 手工焊接 (Manual Soldering) : 300 ± 5°C 2 ~ 3S
14	安全认证 (Safety Approvals)	UL, CSA, CQC
15	测试条件 (Test Conditions)	环境温度 (Ambient Temperature) : 20 ± 5°C 相对湿度 (Relative Humidity) : 65 ± 5%RH 大气压 (Air Pressure) : 86 ~ 106KPa

				TOLERANCE UNLESS SPECIFIED					
8				WITHIN 1.5mm	±0.1mm	A	2012-8-13	初版	
7				OVER 1.5mm	±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	
6							APPD.		
5	SPRING	SUS	1 NATURAL				TITLE : Micro Switch		
4	CAM STICK	SUS	1 NATURAL				UNIT : mm	DRWG NO.:	
3	CASE	PA66/BRASS STRIP	1 GREY/Ag PLATED				SCALE: 5:1	DWN.	2012-8-13
2	COVER	PA66	1 BLACK				MODEL:		
1	KNOB	PA66/PBS C5210R-EH	1 WHITE/Ag CLAD				CHK'D		
NO.	PARTS	MATERIALS	Q'TY				APPD.		

