

L×W×H(mm): 12.3×7.3×10.0



**Features**

- Micro miniature;
- Low coil consumption;
- Pc board mounting;
- Lightweight
- Contact form : a set of conversion
- High sensitivity : 150mW

**Contact Data**

Contact Form 触点形式	1C
Contact Material 触点材料	AuAg
Contact Rating (resistive) 触点负载 (阻性)	1A/125VAC 1A/30VDC
Max. Switching Voltage 最大切换电压	30VDC 125VAC

Max. Switching Current 最大切换电流	1A
Max. Switching Power 最大切换功率	120VA/30W
Contact Resistance or Voltage drop 接触电阻或接触压降	50mΩ
Electrical Life 电气寿命	1×10 <sup>5</sup> 次
Mechanical Life 机械寿命	5×10 <sup>6</sup> 次

**Coil Parameter 线圈参数**

Dash numbers 规格	Coil voltage 线圈电压(VDC)		Coil resistance 线圈电阻 Ω±10%	Pickup voltage VDC(Max.) 最大起动电压	Release voltage VDC(Min.) 最小释放电压	Coil power 线圈功率	Operate Time 起动时间	Release Time 释放时间
	Rated 额定	Max. 最大						
6V	6V	6.6V	180	4.5V	0.6V	0.2W	≤5ms	≤5ms
9V	9V	9.9V	405	6.8V	0.9V			
12V	12V	13.2V	720	9V	1.2V			
24V	24V	26.4V	2880	18V	2.4V			
6V	6V	6.6V	240	4.5V	0.6V	0.15W	≤5ms	≤5ms
9V	9V	9.9V	540	6.8V	0.9V			
12V	12V	13.2V	960	9V	1.2V			
24V	24V	26.4V	3840	18V	2.4V			

**Operation condition 工作条件**

Insulation Resistance 绝缘电阻	100MΩ Min. (at 500VDC)	
Dielectric Strength 介质耐压	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz 1000VAC / 1 minute
Shock resistance 抗冲击	100m/s <sup>2</sup> 11ms	

Vibration resistance 抗震	10~55Hz double amplitude 1.5mm
Terminals strength 引出端强度	10N
Solderability 可焊性	235°C ±2°C 3±0.5s
Ambient Temperature 环境温度	-40°C ~ +85°C
Relative Humidity 相对湿度	85% (at 20°C)
Weight 重量(Approx.)	1.8g

### Ordering Information 订货说明

	<u>23F</u>	<u>- DC</u>	<u>- 12V</u>	<u>-M</u>	<u>- C</u>	<u>- XX</u>
	1	2	3	4	5	6
1 Part number: 23F						
2 Coil type 线圈电压类型 DC:直流						
3 Coil rated voltage(VDC)线圈额定电压 6V: 6V; 9:9V; 12: 12V; 24: 24V						
4 Coil power 线圈功率: M: 0.15W; H: 0.2W						
5 Contact form 触点形式: C: 1 Form C						
6 Special request code 特殊要求 Blank: With AgNi contact. May be followed by additional numbers and / or letters, which does not affect construction.						

### Layout (Bottom views, Unit: mm)外形尺寸、接线图 (底视图)

Dimensions / Wiring diagram (Bottom views)

Dimensions (mm):

- Overall width:  $12.3 \pm 0.3$
- Terminal spacing:  $2.54 \pm 0.2$
- Terminal width:  $0.6 \pm 0.1$
- Terminal pitch:  $0.5 \times 0.5 \pm 0.1$
- Terminal offset:  $0.3 \pm 0.1$
- Terminal length:  $7.62 \pm 0.2$
- Mounting hole diameter:  $6 \times \Phi 1.0^{+0.1}_0$
- Mounting hole offset:  $1.25 \pm 0.3$
- Mounting hole spacing:  $2.54 \pm 0.1$
- Mounting hole offset:  $7.62 \pm 0.1$
- Terminal length:  $5.08 \pm 0.2$
- Terminal offset:  $0.6 \pm 0.1$
- Terminal length:  $7.3 \pm 0.3$

Wiring diagram (Bottom views)

Mounting (Bottom views)

### Reference Data 性能曲线图

