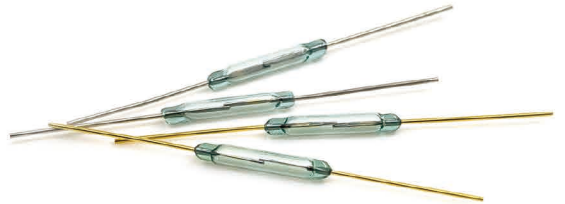


产品规格书 Product Details specification

产品名称 Title	File No.	Version	Date	Page
BL-CGHG-2X14	BL-3D-759	A3	2019.04.15	1/3

Function :

- Ideal for ATE switching and proximity sensors
- Contact layers: Ruthenium on gold
- Superior glass-to-metal seal and blade alignment
- Excellent life expectancy and reliability
- RoHS Compliant



Applications :

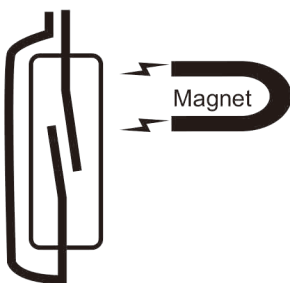
- 1.Automation Device
- 2.Home appliances a
- 3.Auto industry
- 4.Communication
- 5.Medical

Product Features

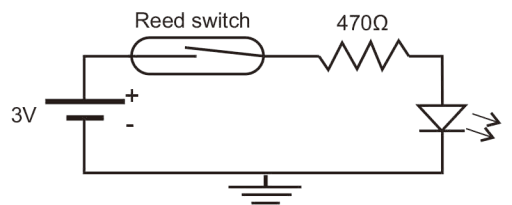
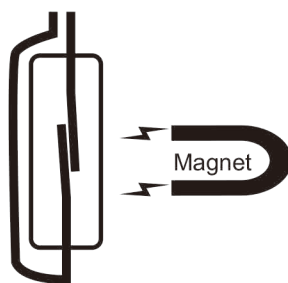
Micro changeover dry-reed switch hermetically sealed in a gas-filled envelope. Single-pole, double-throw (SPST-NO) type, having a normally open and a normally closed contact.

The switch may be actuated by an electromagnet, a permanent magnet or a combination of both. The device is intended for use in sensors, relays, pulse counters or similar devices.

“Open” Reed Switch
Wires Will Not Conduct



“Closed” Reed Switch
Wires Will Conduct



产品规格书 Product Details specification

产品名称 Title	File No.	Version	Date	Page
BL-CGHG-2X14	BL-3D-759	A3	2019.04.15	2/3

■ Electrical characteristics:

型号/DATA SCAN	单位 Unit	BL-CGHG-2X14
接触方式/Contact Form		A
Max.最大功率/Contact Rating	W	10
Max.最大开关电压/Switching Voltage	V _{AC} /V _{DC}	200
耐高压/Breakdown Voltage	VDC	250
Max.最大开关电流/Switching Current	VDC	0.5
Max.最大负载电流/Carry Current	A	1.0
Max.最大接触电阻/Intial Contact Resistance	mΩ	150
Min.最小绝缘电阻/Insulation Resistance	Ω	1*10 ¹⁰
动作时间/Operating time	mS	0.4
弹跳时间/Bounce time	mS	0.4
释放时间/Release time	mS	0.2
响应频率/Resonant Frequency	Hz	5000±400
Max.最大工作频率/Operating Frequency	HZ	500
灵敏值/Pull in Value	AT	7-40
Min.最小复位敏值/Drop out Value	FT	5 min
使用温度范围/Operating temperature	℃	-40~+125
保存温度范围/Preservation temperature	℃	-40~+125
耐振动/Vibration	m/s ²	480 (MIL-STD-202G)
耐冲击/Shock	HZ	10~55 (MIL-STD-202G)
电气寿命/Electrcal Life		1*10 ⁷ (DC10V-5mA (R)) 5*10 ⁶ (DC12V-100mA (R))

■ Welding characteristics

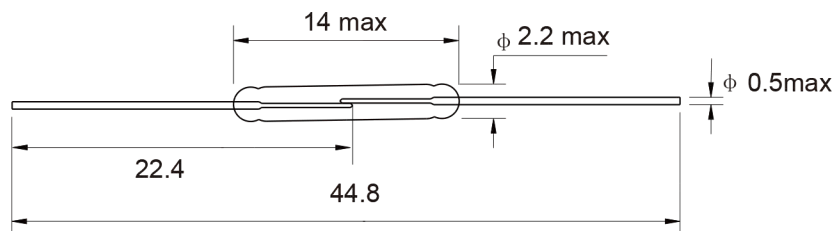
Manual welding : 330°C±10°C, 2 s.-3

■ Packaging:

1000PCS/Box (according to the general electronic material storage requirements)

■ SIZE尺寸

Unit=mm



产品规格书 Product Details specification

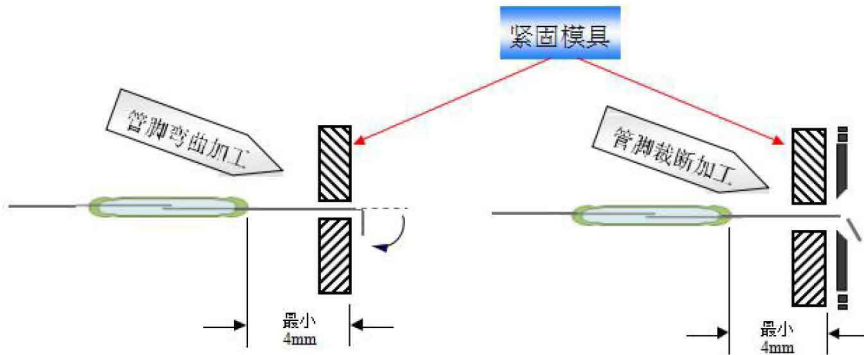
产品名称 Title	File No.	Version	Date	Page
BL-CGHG-2X14	BL-3D-759	A3	2019.04.15	3/3

一、塑封干簧管引线再加工

Reprocessing of lead wire of plastic reed switch

塑封干簧管是用玻璃干簧管封装，在加工过程中比纯玻璃干簧管损耗要小，但引线加工还是需要注意避免受损，影响产品及寿命。由于磁簧开关是相当脆弱的，很容易打破玻璃和密封件。加工前需要在裁切点和弯曲点之前用进行夹紧固定。

The plastic reed switch is encapsulated with glass reed switch, which has less loss during processing than pure glass reed switch, but the lead processing still needs to be careful to avoid damage, which affects the product and life. Since the reed switch is quite fragile, it is easy to break the glass and seals. Before processing, it needs to be clamped and fixed before the cutting point and the bending point.



二、焊接方式及注意事项

Welding method and precautions

1、锡焊：焊接点应离开玻璃管的端头至少 2mm 以上，焊接时间在 5 秒以下。

Soldering: The welding point should be at least 2mm away from the end of the glass tube, and the welding time should be less than 5 seconds.

2、电焊：焊点应离开玻璃管端头至少 2mm 以上。

Electric welding: The solder joint should be at least 2mm away from the end of the glass tube.

3、超声波焊接：谐振频率相同时，会对干簧管参数产生影响。

Ultrasonic welding: When the resonance frequency is the same, it will affect the parameters of the reed switch.

