

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
 Http://www.100y.com.tw

BS-101 Ultra-Miniature Relay

■FEATURES 特点

- SPDT(1 Form C) suitable for medium current rating at 2 Amps
触点形式为一组转换, 电流容量为 2A
- Small size(15.5×10.5×10.9mm)
体积极小 (15.5×10.5×10.9mm)
- Power consumption of standard type 450mW and high sensitivity type 200mW
线圈灵敏度有标准型 450mW 和高灵敏度 200mW
- DIL terminal
- Application : OA equipment, Security alarm system
应用于办公自动化设备,防盗报警系统等。
- UL File No.E147052
- CSA File No. LR76479-1



■COIL RATING(at 20°C) 线圈参数

Model No. 型号	Nominal Voltage (VDC) 额定电压	Coil Resistance ($\Omega \pm 10\%$) 线圈电阻	Nominal Current (mA) 耗电流	Pick-Up Voltage (VDC) 吸合电压	Drop-Out Voltage (VDC) 释放电压	Power(mW) Consumption 线圈功率
BS-101	3	20	150	2.25	0.3	450
	5	56	90	3.75	0.5	
	6	80	75	4.50	0.6	
	9	180	50	6.75	0.9	
	12	320	37.5	9.00	1.2	
	24	1280	18.8	18.00	2.4	
BS-101B	3	45	66.7	2.25	0.3	200
	5	120	41.7	3.75	0.5	
	6	180	33.3	4.50	0.6	
	9	400	22.5	6.75	0.9	
	12	700	17.1	9.00	1.2	
	24	2800	8.6	18.00	2.4	

■ORDERING INFORMATION 订货编号

BS-101 B S - 12VDC

Coil Sensitivity 线圈灵敏度	Protection 封装方式	Coil Voltage 线圈电压
Nil:standard 450mW 标准型 450 毫瓦	Nil: Flux Free 非密封型	See Coil Rating 参见 " 线圈参数 " 表
B:High Sensitivity 200mW 高灵敏度 200 毫瓦	S: Sealed 密封型	

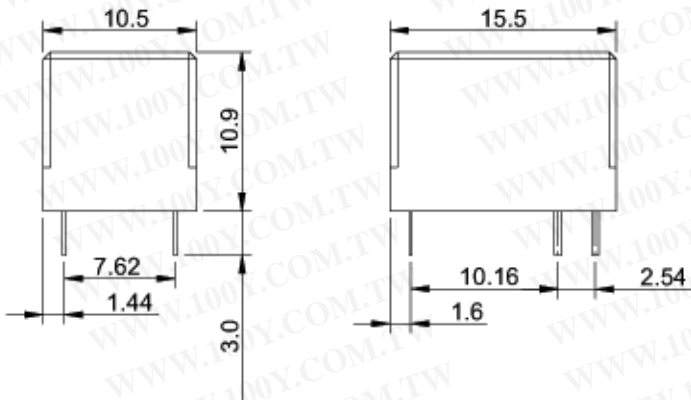
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■SPECIFICATIONS 规格表

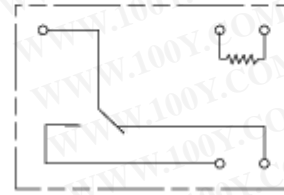
Model No. 型号	BS-101	BS-101B
Contact Arrangement 触点形式	1 Form C	
Contact Material 触点材质	Ag Alloy	
Contact Rating(at Resistive Load) 触点负载(阻性负载)	1A 24VDC 1A 120VAC	
Max.Switching Voltage 最大开关电压	240VAC,60VDC	
Max.Switching Current 最大开关电流	2A	
Min.Switching Load 最小开关负载	100mA 5VDC	
Contact Resistance 接触电阻	Max. 100m Ω (initial)	
Insulation Resistance 绝缘电阻	Min. 100m Ω at 500VDC	
Dielectric Strength 介质耐压		
Between Coil & Contact 线圈与触点之间	700VAC(1 minute)	
Between Contacts 触点间	700VAC(1 minute)	
Surge Strength 浪涌电压	1000V	
Operate Time 动作时间	Max.7mSec.	Max.10mSec.
Release Time 释放时间	Max.6mSec.	
Ambient Temperature 环境温度	-25 °C ~+50 °C	
Vibration Resistance(Endurance) 振动	1.5mm D.A. 10-55HZ	
Shock Resistance 冲击	Min. 10G Unerror	
Mechanical Life 机械寿命	1×10 ⁷ operations (at no load)	
Electrical Life 电气寿命	1×10 ⁵ operations (at rated load)	
Weight 重量	Approx.3.5g	

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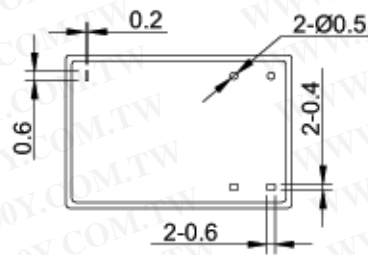
DIMENSIONS(mm)



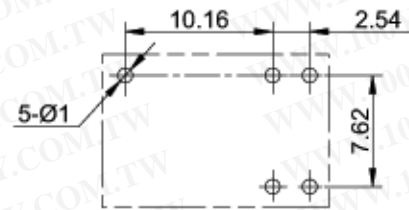
WIRING DIAGRAM
(Bottom View)



PC board pattern (mm)
(Bottom View)



General Tolerance ± 0.3



General Tolerance ± 0.1