

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](http://www.100y.com.tw)

## BR REED RELAY

### ■ Features 特点

- Small size, light weight and low cost  
体积小, 重量轻, 成本低
- Application: Mainly use in Cordless Phone, Answering Machine and Security Alarm system etc..  
应用于通讯设备, 家用电器, 防盗报警系统等
- UL File No. E147052



### ■ COIL RATING(at 20°C) 线圈参数

Nominal Voltage(VDC) 额定电压	Coil Resistance (Ω ± 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	Maximum Allowable Voltage (VDC) 最大电压	Power (mW) Consumption 线圈功率
3	63	47.6	2.1	0.3	160%(Max)	Approx 100-280
5	250	20.0	3.5	0.5		
5	500	10.0	3.5	0.5		
8	700	11.4	5.6	0.8		
9	700	12.85	6.3	0.9		
12	1050	11.4	8.4	1.2		
24	2080	11.5	16.8	2.4		

### ■ ORDERING INFORMATION 订货编号

BR-500Ω - H - 5VDC

Coil Resistance(Ω)线圈电阻	Contact Rating 触点负载	Coil Voltage 线圈电压
See Coil Rating 参见"线圈参数"表	Nil:10W H:20W	See Coil Rating 参见"线圈参数"表

### ■ SPECIFICATIONS 规格表

Model No. 型号	BR	BR-H
Contact Arrangement 触点形式	1 Form A	
Contact Resistance 触点电阻	Max.150m Ω (initial)	
Contact Rated Load 触点容量	0.5A 24VDC, 0.1A 100VAC	

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Rating (at Resistive Load)	Max.Switching Current 最大开关电流	0.5A	
触点负载(阻性负载)	Max.Switching Voltage 最大开关电压	120VAC,60VDC	200VDC
	Max.Switching Capacity 最大开关功率	10W(DC)/10VA(AC)20W(DC)	
	Max.Carrying Current 最大过载电流	1A	
	Min.Switching Current 最小开关电流	1mA at 1 VDC	
Operate Time 动作时间		Max.1.0mSec.	
Release Time 释放时间		Max.0.5mSec.	
Dielectric Strength 介质耐压			
Between Coil & Contact 线圈与触点之间		3000VDC(1 second)	
Between Contacts 触点组之间		200VDC(1 second)	
Surge Strength 浪涌电压		3000V	
Insulation Resistance 绝缘电阻		Min.100M $\Omega$ at 500VDC,1000M $\Omega$ at 100VDC	
Ambient Temperature 环境温度		-30 $^{\circ}$ C ~+70 $^{\circ}$ C	
Vibration Resistance 振动		1.5mm D.A.10-55HZ	
Shock Resistance 冲击		Endurance 100G	Error 13G
Mechanical Life 机械寿命		1 $\times$ 10 <sup>8</sup> operations at no load	
Electrical Life 电气寿命		1 $\times$ 10 <sup>6</sup> operations at 0.5A 24VDC(resistive)	
Weight 重量		Approx.4.5g	

