



BR·REED RELAY

PDF..

■Features ..

- Small size·light weight and low cost
.....
- Application:Mainly use in Cordless Phone, Answering
·Machine and Security Alarm system etc..
.....
- UL File No. E147052



■COIL RATING(at 20°C).....

Nominal Voltage (VDC)	Coil Resistance ($\Omega \pm 10\%$)	Nominal Current (mA) ...	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)	Power (mW) Consumption
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.....

BR-500 Ω - H - 5VDC

Coil Resistance(Ω)....	Contact Rating	Coil Voltage.....
See Coil Rating ..".....".	Nil:10W H:20W	See Coil Rating ..".....".

■SPECIFICATIONS.....

Model No. **		BR	BR-H
Contact Arrangement ***		1 Form A	
Contact Resistance ****		Max.150m Ω (initial)	
Contact Rating (at Resistive Load) ****(****)	Rated Load ***	0.5A 24VDC,0.1A 100VAC	
	Max.Switching Current *****	0.5A	
	Max.Switching Voltage *****	120VAC,60VDC	200VDC
	Max.Switching Capacity *****	10W(DC)/10VA(AC)	20W(DC)
	Max.Carrying Current *****	1A	
	Min.Switching Current *****	1mA at 1 VDC	
Operate Time ***		Max.1.0mSec.	
Release Time ***		Max.0.5mSec.	
Dielectric Strength ***			
Between Coil • Contact *****		3000VDC(1 second)	
Between Contacts *****		200VDC(1 second)	
Surge Strength ***		3000V	
Insulation Resistance ***		Min.100M Ω at 500VDC,1000M Ω at 100VDC	
Ambient Temperature ***		-30 • ~+70 •	
Vibration Resistance **		1.5mm D.A.10-55HZ	
Shock Resistance **		Endurance 100G	Error 13G
Mechanical Life ***		1×10 ⁸ operations at no load	
Electrical Life *****		1×10 ⁶ operations at 0.5A 24VDC(resistive)	
Weight **		Approx.4.5g	

