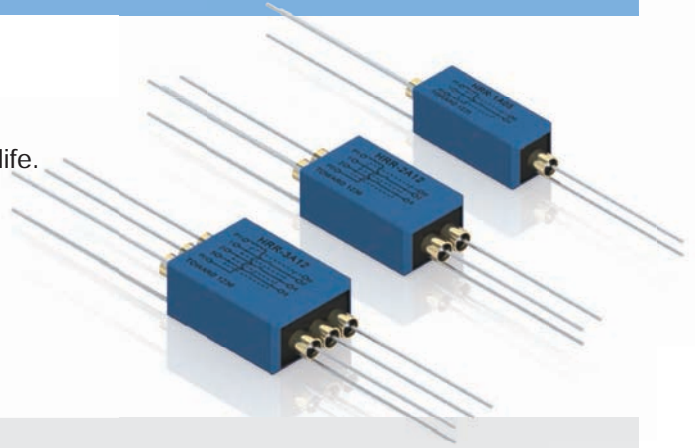


HRR Series

1a, 2a, 3a Hi-Voltage Reed Relay

Features

- Ultra reed relay.
- High Reliability,hermetically sealed contacts for long life.
- External megnetic and electrostatic shield.



Order Code

HRR-XX X X-X-X
 a b c d e

- a : Contact Form: 1A=1 Form A, 2A=2 Form A, 3A=3 Form A
 b : Nominal Coil Voltage: 1=24VDC, 2=12VDC, 4=5VDC
 c : Nil= No Electrostatic Shield, S=Electrostatic Shield
 d : Nil=Standard Type=500VDC, 1=1KV, 3=3KV, 4=4KV
 e : Insulation Resistance: Nil=10¹⁰, 11=10¹¹, 12=10¹², 13=10¹³

Coil Data-Standard Type (at 20°C)

Part Number	Nominal Voltage DC ± 10% [V]	Coil Resistance ± 10% [ohm]	Nominal Current [mA]	Must Release Voltage MIN. [V] at 20°C	Must Operate Voltage MAX. [V] at 20°C
HRR-1A HRR-2A	05	100	50.0	0.5	4.0
	12	400	30.0	1.2	8.8
	24	1600	15.0	2.0	18.0
HRR-3A	05	50	100.0	0.5	4.0
	12	300	40.0	1.2	8.8
	24	800	30.0	2.0	18.0

Contact Specifications

Relay Model	HRR-XXXS	HRR-XXXS-1	HRR-XXXS-3	HRR-XXXS-4
Contact Rating Max DC / Peak AC	50 W	100 W	100 W	100 W
Switching Voltage Max DC / Peak AC	300VAC / 350VDC	300VAC / 350VDC	1000 VDC	1000 VDC
Max. Switching Current Max DC / Peak AC	1.0 A			
Max. Carry Current	2.5 A			

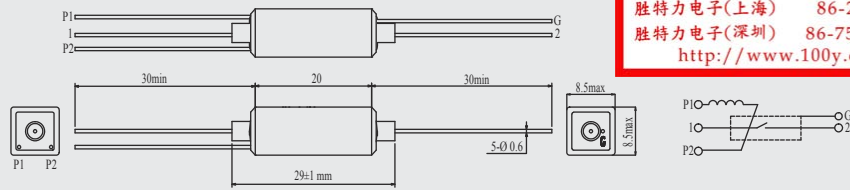
Specifications

Relay Model	HRR-XXXS	HRR-XXXS-1	HRR-XXXS-3	HRR-XXXS-4	
Contact Resistance	150mΩ				
Dielectric Strengths(static)	Between contacts	500 VDC	1000 VDC	3000 VDC	4000 VDC
	Contacts to shield	2500 VDC	2500 VDC	2500 VDC	2500 VDC
	Contacts / shield to coil	2500 VDC	2500 VDC	2500 VDC	2500 VDC
Electrostatic Capacitance	0.5 pF	0.5 pF	0.5 pF	0.5 pF	
Insulation Resistance (except shield to coil)	10 ¹⁰ Ω	10 ¹⁰ Ω	10 ¹⁰ Ω	10 ¹⁰ Ω	
Operate Time	0.6 ms	0.6 ms	1.0 ms	1.0 ms	
Release Time	0.05 ms	0.05 ms	01 ms	0.1 ms	
Vibration	20G (0~2000Hz)	20G (0~2000Hz)	20G (10Hz~2000Hz)	20G (10Hz~2000Hz)	
Shock	30G	30G	50G	50G	
Operating Temperature	-10°C~+60°C				
Storage Temperature	-10°C~+80°C				
Life Expectancy	AC / DC 10mV-10 μA 1X10 ⁸ Ops	200VDC 1mA 1X10 ⁷ Ops	5VDC 10mA 500X10 ⁶ Ops	5VDC 10mA 500X10 ⁶ Ops	

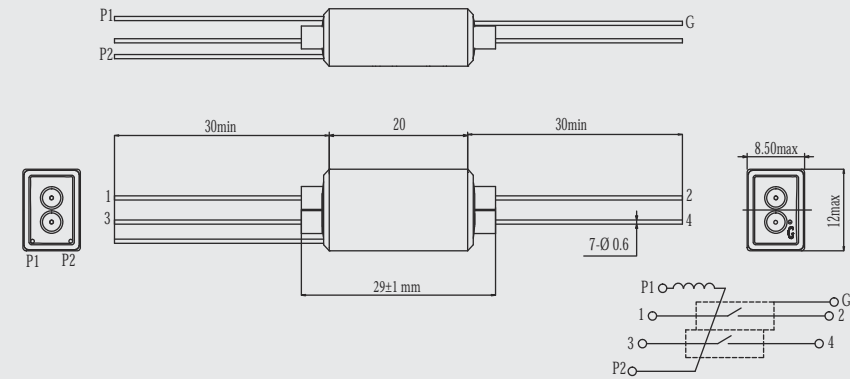
Dimensions (Unit : mm)

勝特力電材超市-龍山店 886-3-5773766
 勝特力電材超市-光復店 886-3-5729570
 勝特力電子(上海) 86-21-34970699
 勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>

HRR-1A



HRR-2A



HRR-3A

