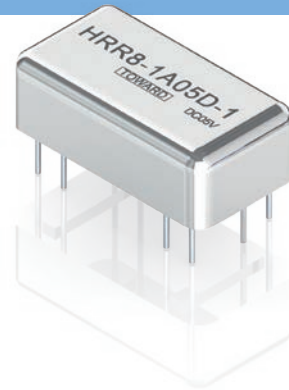


# HRR8 Series

## Hi-Voltage Reed Relay

### Features

- High Breakdown Voltage Reed Relay;
- Low and Stable Contact Resistance;
- Magnetic Shield and diode Options.



### Order Code

HRR8-2A XX X  
a b

a : Coil Voltage 05 : 5VDC 12 : 12VDC 24 : 24VDC  
b : Options NIL : No diode D : diode

### Coil Data-Standard Type (at 20°C )

Nominal Voltage DC $\pm 10\%$ [V]	Coil Resistance $\pm 10\%$ [ohm]	Nominal Current [mA]	Min. Release Voltage [VDC]	Max. Operate Voltage [VDC]
5	50	100	0.5	3.8
12	250	48	1.0	9.0
24	1000	24	2.0	18.0

### Contact Rating

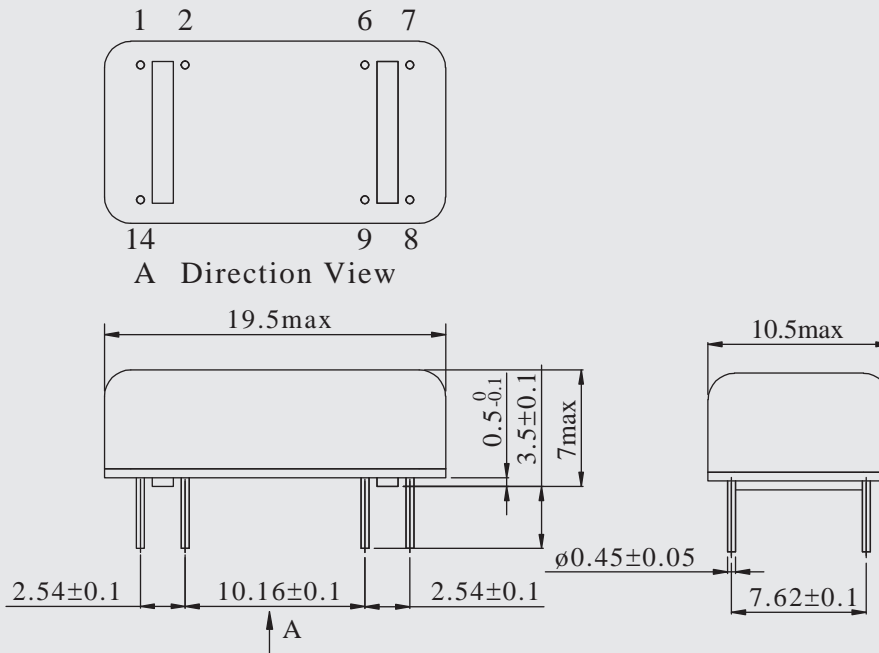
Contact Form	<b>2 Form A</b>
Contact Rating	20W
Max. Switching Voltage	200VDC / 140VAC RMS
Max. Switching Current	1A
Max. Carry Current	1.25A



**Specifications**

Contact Resistance		200mΩ
Breakdown Voltage :	Open contacts	280VDC
	Contact to Coil	1000VDC
Insulation Resistance :	Open contacts	1×10 <sup>9</sup> Ω
	Contact to Coil	1×10 <sup>9</sup> Ω
Capacitance ( typ. )	Open contacts	0.3pF
Operate Time		1.0mS
Release Time		0.5mS
Vibration		10G 10-2000Hz
Shock		100G
Operating Temperature		-10°C ~+60°C
Storage Temperature		-20°C ~+80°C
Life Expectancy of Mechanical		2×10 <sup>8</sup> operations
Life Expectancy of Electrical		Capacitive Load 80V, 0.1mA 1×10 <sup>7</sup> operations

**Dimensions (Unit : mm)**



**Wiring Diagrams (Top View)**

