HIRELAY

ISO9001 ISO14001

Part No.

HRG3F

Industrial Relay

Features:

- ⇨ Size :19.0×15.5×15.8(mm)
- ⇨ Max.15A switching capability
- ⇨ High sensitive : 360mW
- ⇨ 1 Form C ,1 Form A, 1 Form B

Odering Information

HRG3F - S - DC12V - C - X

① ② ③ ④ ⑤

① Part No.
② Enclosure :Plastic sealed
③ Coil Voltage :
DC3, 5 ,6 ,9,12, 24V
④ Contact form:
C : 1C/O A: 1N/O B :1N/C
⑤ Special requirment

Specification:

Contact	
Contact Form	1A, 1B, 1C
Contact Material	Ag Alloy
Contact Resistance	100 mΩ(6VDC 0.1A)
Contact Rating(Resistance Load)	
	A: 12A 125VAC/ 10A 250VAC
	C: NO:10A 250VAC/28VDC
	NC:7A 250VAC/28VDC
Max Switching Voltage	250VAC/30VDC
Max Switching Current	15A
Max Switching Power	2500VA 280W
Electrical Life	100,000 ops
Mechanical Life	5,000,000 ops

Characteristics		
Insulation resistance		Min 1000MΩ(500VDC)
Dielectric Strength	Between contact	750VAC 1min
	Between coil &contact	1500VAC 1min
Operate time		≤10 ms
Release time		≤ 5 ms
Shock Resistance	Endurance	100 m/s^2
	Damage	1000 m/s^2
Vibration Resistance		10-55 HZ 1.5mm DA
Humidity		535%-95% RH
Ambient Temperature		-40 ℃ to 85℃
Weigt		Approx. 10.0g

Noted :the data are initial value

Coil Data: at 23℃

High Sebsitivity (360mW)

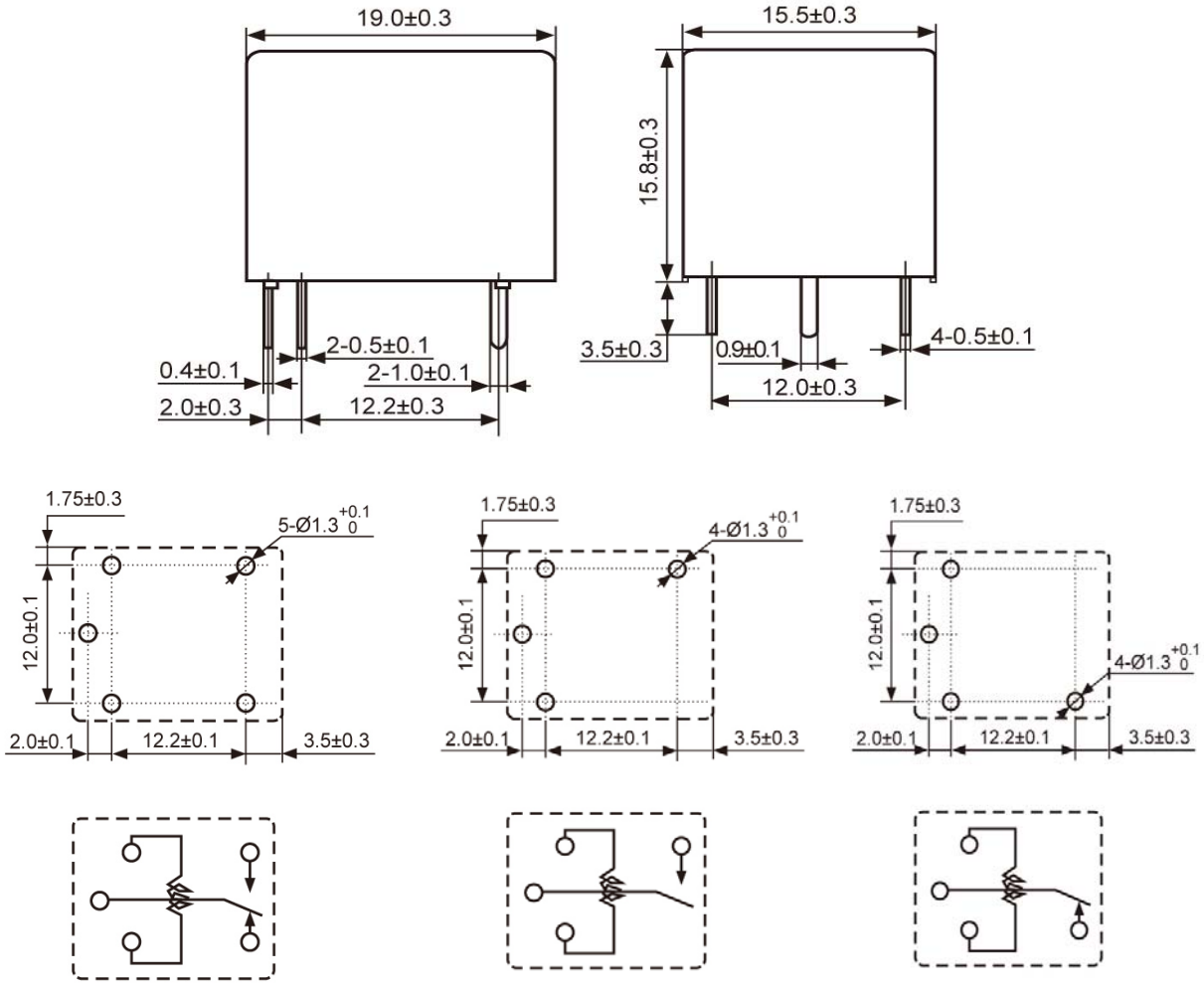
Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.10	0.30	6.00	25
5	3.50	0.50	10.00	70
6	4.20	0.60	12.00	100
9	6.30	0.90	18.00	225
12	8.40	1.20	24.00	400
24	16.80	2.40	48.00	1600

Standard (450mW)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.10	0.30	6.00	20
5	3.50	0.50	10.00	55
6	4.20	0.60	12.00	80
9	6.30	0.90	18.00	180
12	8.40	1.20	24.00	320
24	16.80	2.40	48.00	1280

Dimension(mm)

Tolerance ±0.2



1C 1A 1B