



Part No.

HRG49

Industrial Relay

ISO9001 ISO14001

Features:

- ⇒ Small Size :20.0×5.0×12.5(mm)
- ⇒ 5A switching capability
- ⇒ High sensitive : 120mW
- ⇒ 1 Form A



Ordering Information

HRG49 - S - DC12V - A - W/N
 ① ② ③ ④ ⑤

- ① Part No.
- ② Enclosure :Plastic sealed
- ③ Coil Voltage :
DC 5 , 6 , 9,12, 24V
- ④ Contact form: A: 1N/O
- ⑤ PIN distance
W:7.62 mm
N : 5.08 mm

Specification:

Contact	Characteristics
Contact Form 1A	Insulation resistance Min 1000MΩ(500VDC)
Contact Material Ag Alloy	Dielectric Strength Between contact 1000VAC 1min
Contact Resistance 100 mΩ(6VDC 1A)	Strength Between coil &contact 3000VCA 1min
Contact Rating(Resistance Load) 5A 250VAC/30VDC	Operate time ≤10 ms
	Release time ≤ 5 ms
	Shock Enduranc 100 m/s ²
	Resistanc Damage 1000 m/s ²
Max Switching Voltage 250VAC/30VDC	Vibration Resistance 10-55 HZ 1.5mm DA
Max Switching Current 5A	Humidity 5%-85% RH
Max Switching Power 1250VA 150W	Ambient Temperatur -40 °C to 85°C
Electrical Life 100,000 ops	Weigt Approx. 3.0g
Mechanical Life 5,000,000 ops	Noted :the data are initial value

Coil Data:

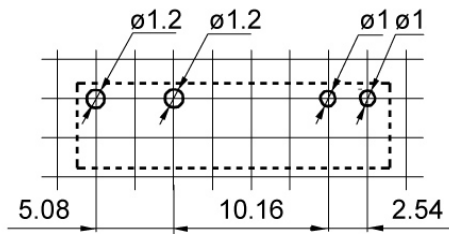
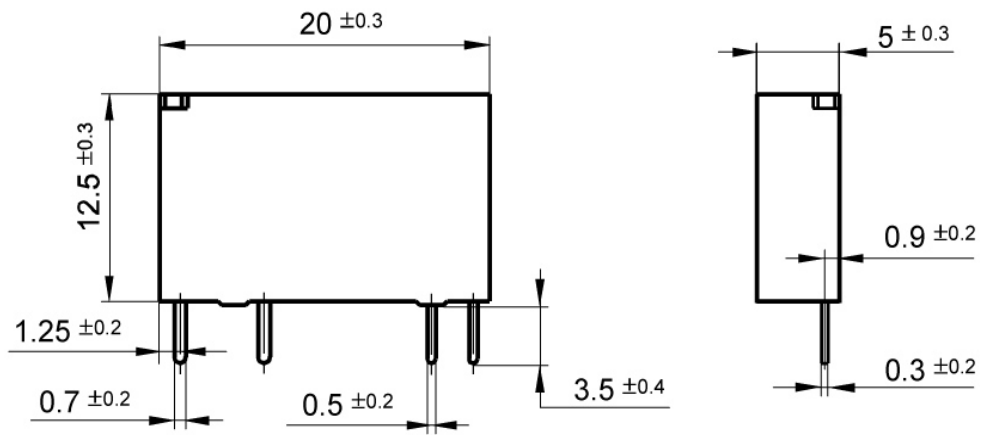
at 23°C

120mW (24V 180 mΩ)

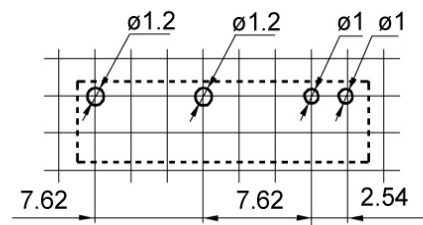
Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
5	3.50	0.25	6.00	208
6	4.20	0.30	7.20	300
9	6.30	0.45	10.50	675
12	8.40	0.60	14.50	1200
24	16.80	1.20	28.50	3200

Dimension(mm)

Tolerance ± 0.2



HRG49-X-N



HRG49-X-W

