



Part No.

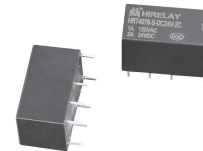
HRT4078

Signal Relay

ISO9001 ISO14001

Features:

- ⇒ Size :20.3×10.0×11.4(mm)
- ⇒ Max.2A switching capability
- ⇒ High sensitive :150mW
- ⇒ 2 Form C configuration



Ordering Information

HRT4078 - S - DC12V - 2C - 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:
2C : 2 C/O
- ⑤ Special requirement

Specification:

Contact		Characteristics	
Contact Form	2 Form C	Insulation resistance	Min 1000MΩ(500VDC)
Contact Material	AuAg Alloy	Dielectric	Between contact 750VAC 1min
Contact Resistance	50 mΩ(6VDC 0.1A)	Strength	Between coil &contact 1000VAC 1min
Contact Rating(Resistance Load)		Operate time	≤7 ms
	1A 125VAC/24VDC	Release time	≤4ms
	2A 125VAC/24VDC	Shock	Endurance 100 m/s ²
Max Switching Voltage	125VAC/30VDC	Resistance	Damage 1000 m/s ²
Max Switching Current	2A	Vibration Resistance	10-55 HZ 1.5mm DA
Max Switching Power	240VA 48W	Humidity	5%-85% RH
Electrical Life	100,000 ops	Ambient Temperature	-25 °C to 70°C
Mechanical Life	5,000,000 ops	Weight	Approx. 5.0g

Noted :the data are initial value

Coil Data:

at 23°C

(200mW)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.25	0.30	6.00	45
5	3.75	0.50	10.00	125
6	4.50	0.60	12.00	180
9	6.75	0.90	18.00	405
12	9.00	1.20	24.00	720
24	18.00	2.40	48.00	2880

(150mW)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.25	0.30	6.00	60
5	3.75	0.50	10.00	166
6	4.50	0.60	12.00	240
9	6.75	0.90	18.00	540
12	9.00	1.20	24.00	960
24	18.00	2.40	48.00	3840

(360mW)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.25	0.30	6.00	25
5	3.75	0.50	10.00	69.5
6	4.50	0.60	12.00	100
9	6.75	0.90	18.00	225
12	9.00	1.20	24.00	400
24	18.00	2.40	48.00	1600

(450mW)

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
3	2.25	0.30	6.00	25
5	3.75	0.50	10.00	55.5
6	4.50	0.60	12.00	80
9	6.75	0.90	18.00	180
12	9.00	1.20	24.00	320
24	18.00	2.40	48.00	1280

Dimension(mm)

Tolerance ± 0.2

