

CRSD

(Dimensions): 19.5X7.0X5.5mm

Features

- 1, Small size, light weight, Low coil power consumption.
- 2, Strong anti-shock and anti-vibration, high reliability, long life.
- 3, PC board mounting.
- 4, High sensitivity.

Ordering information

CRSD-1A-05

1 2 3

- 1, Part number: CRSD
- 2, Contact arrangement: A:1A/2A; C:1C
- 3, Coil rated voltage(V): DC:5,12,24

Contact data

Contact Arrangement	1A(1H)(SPST NO); 2A(2H)(SPST NO); 1C(1Z)(SPDT)	
Contact Material	Ru/Rh	
Contact Rating(Resistive)	0.1A/125VAC; 0.5A/24VDC	
Max.Switching Power	10W(DC)/10VA(AC)	
Max.Switching Voltage	110VDC Max.Switching Current:0.5A	
Contact Resistance or Voltage Drop	≤150mΩ	
Operation Life	Electrical	10 ⁷
	Mechanical	10 ⁸

Coil Parameter (23°C)

Coil voltage(VDC)		Coil Resistance Ω ± 10%	Pick up Voltage VDC(Max) (75% of rated voltage)	Release voltage VDC(Min) (10% of rated voltage)	Coil power consumption (W)	Operate Time (mS)	Release Time (mS)
Rated	Max						
5	6.50	500	3.75	0.5	0.050	≤0.5	≤0.2
12	15.6	1000	9.00	1.2	0.144		
24	31.2	2000	18.0	2.4	0.288		

Caution:1, The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

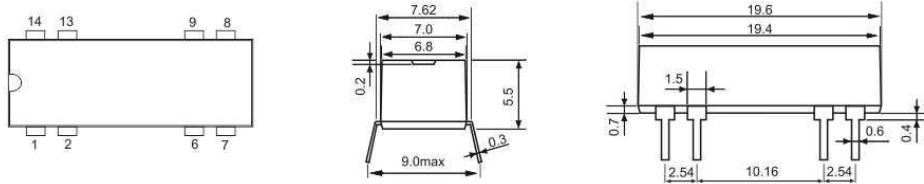
2, Pick up and release voltage are for test purposes only and are not to be used as design criteria.

Operation condition

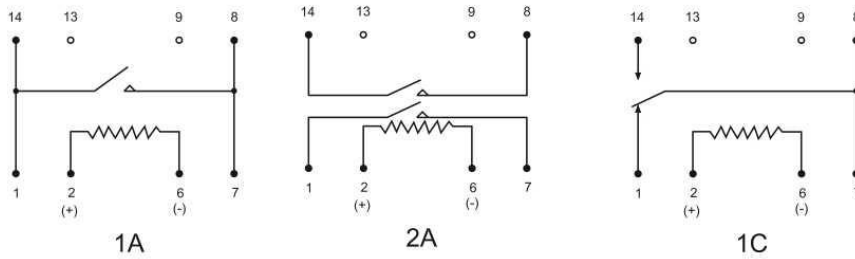
Insulation Resistance	100MΩ min(at 500VDC)	
Dielectric Strength	50Hz 750VAC 50Hz 1500VAC	
Between Contacts Between Contacts and Coil		
Shock Resistance	Functional	20G
	Destruction	100G
Vibration Resistance	10~55Hz Double amplitude 1.5mm	
Terminals Strength	10N	

Solderability	235 ± 2 °C 3 ± 0.5 s °C
Ambient Temperature	-40 ~ 85 °C
Storage Temperature	-40 ~ 125 °C
Mass	2g

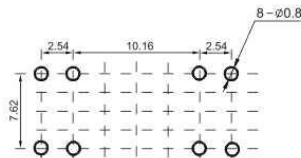
Dimensions(mm/Inch)



外形尺寸图
Dimensions



安装尺寸图 (底视图)
Mounting (Bottom view)



接线图 (底视图)
Wiring diagram (Bottom view)

注: 1) 尺寸以毫米为单位。

NOTES Dimensions are in millimeters.

2) 给出的等量英寸值仅供参考。

Inch equivalents are given for general information only