



CRSD

尺寸(Dimensions): 19.5X7.0X5.5mm

特点 Features

- 1,体积小,重量轻,线圈功耗低. Small size,light weight,Low coil power consumption.
- 2,搞冲击及抗震性强,可靠性高,寿命长. Strong anti-shock and anti-vibration,high reliablility,long life.
- 3,可直接焊接在印刷线路板中.PC board mounting.
- 4,高灵敏度. High sensivity.

订货信息 Ordering information

CRSD-1A-05

1 2 3

- 1,型号 Part number: CRSD
- 2,触点形式 Contact arrangement:A:1A/2A;C:1C
- 3,线圈额定电压 Coil rated voltage(V):DC:5,12,24

触点数据 Contact data

触点形式 Contact Arrangement	1A(1H)(SPST NO); 2A(2H)(SPST NO);1C(1Z)(SPDT)	
触点材料 Contact Material	Ru/Rh	
触点负载(阻性) Conatct Rating(Resistive)	0.1A/125VAC;0.5A/24VDC	
最大切换功率 Max.Switching Power	10W(DC)/10VA(AC)	
最大切换电压 Max.Switching Voltage	110VDC 最大切换电流 Max.Switching Current:0.5A	
触点阴性或压降 Contact Resistance or Voltage Drop	≤150m Ω	
寿命 Operation Life	电气 Electrical	10 ⁷
	机械 Mechanical	10 ⁸

线圈参数 Coil Parameter

线圈电压 Coil voltage (VDC)		线圈电阻 Coil Resistance Ω ±10%	吸合电压 VDC(最大) Pick up Voltage VDC(Max) (额定电压的 75%) (75% of rated voltage)	释放电压 VDC Release voltage VDC(Min) (额定电压的 5%) (5% of rated voltage)	线圈功耗 Coil power consumption (W)	动作时间 Operate Time (mS)	释放时间 Release Time (mS)
额定 Rated	最大 Max						
3	3.90	250	2.25	0.3	0.036	≤0.5	≤0.2
5	6.50	500	3.75	0.5	0.050		
12	15.6	1000	9.00	1.2	0.144		
24	31.2	2000	18.0	2.4	0.288		

注意:1,使用的线圈电压低于线圈额定电压时将会损害继电器的工作.

2,吸合,释放电压仅供检测用,不是设计的使用指标.

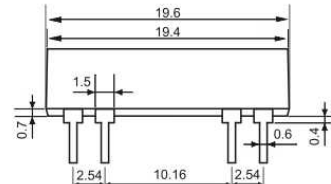
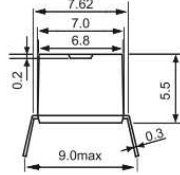
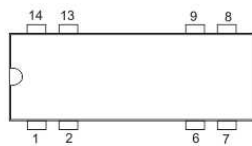
Caution:1,The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

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

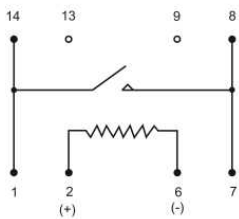
技术特性 Operation condition

绝缘电阻 Insulation Resistance	最少 100M Ω min(at 500VDC)	
介质耐压 Dielectric Strength	50Hz750VAC	
断开触点间 Between Contacts	50Hz 1500VAC	
触点与线圈间 Between Contacts and Coil	50Hz 1500VAC	
耐冲击 Shock Resistance	Functional 动作极限	20G
	Destruction 破坏极限	100G
抗振性 Vibration Resistance	10~55Hz 双振幅 Double amplitude 1.5mm	
引出端强度 Terminals Strength	10N	
可焊性 Solderability	235 \pm 2 $^{\circ}$ C 3 \pm 0.5s $^{\circ}$ C	
工作温度 Ambient Temperature	-40~85 $^{\circ}$ C	
存储环境 Storage Temperature	-40~125 $^{\circ}$ C	
质(重)量 Mass	2g	

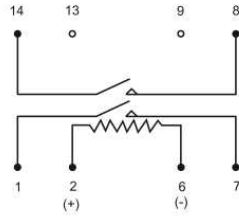
外形尺寸 Dimensions(mm/Inch)



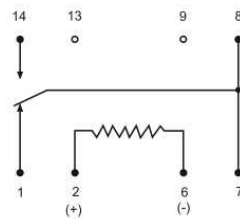
外形尺寸图
Dimensions



1A

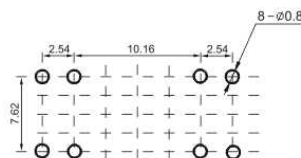


2A



1C

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