



CRSR

尺寸(Dimensions): 25.2X8.0X8.3mm

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 reliability,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

CRSR-5-05

1 2 3 4

- 1,型号 Part number: CRSR
- 2,线圈额定电阻 Coil Resistance(Ω):1:63;2:250;5:500;7:700;10:1050;20:2080
- 3,线圈额定电压 Coil rated voltage(V):DC:3,5,8,12,24

触点数据 Contact data

| | | |
|--|--|--------|
| 触点形式 Contact Arrangement | 1A(1H)(SPST NO); | |
| 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 | 120VAC,60VDC 最大切换电流 Max.Switching Current:1A | |
| 触点阴性或压降 Contact Resistance or Voltage Drop | $\leq 150m\Omega$ | |
| 寿命 Operation Life | 电气 Electrical | 10^7 |
| | 机械 Mechanical | 10^8 |

线圈参数 Coil Parameter (23°C)

| 线圈电压 Coil voltage (VDC) | | 线圈电阻 Coil Resistance $\Omega \pm 10\%$ | 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 10%) (10% 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 | | |
| 8 | 10.4 | 700 | 6.0 | 0.8 | 0.091 | | |
| 12 | 15.6 | 1050 | 9.0 | 1.2 | 0.137 | | |
| 24 | 31.2 | 2080 | 18.0 | 2.4 | 0.277 | | |

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.

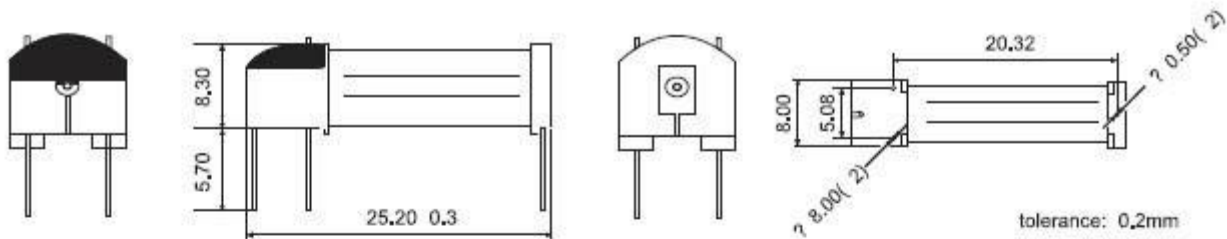
Caution:1,The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

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

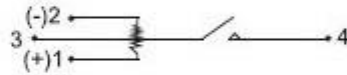
技术特性 Operation condition

| | | |
|----------------------------------|------------------------------------|------|
| 绝缘电阻 Insulation Resistance | 最少 100M Ω min(at 500VDC) | |
| 介质耐压 Dielectric Strength | 50Hz200VAC | |
| 断开触点间 Between Contacts | 50Hz 3000VAC | |
| 触点与线圈间 Between Contacts and Coil | 50Hz 3000VAC | |
| 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 ± 2 °C | |
| 工作温度 Ambient Temperature | -30~70 °C | |
| 存储环境 Storage Temperature | -40~125 °C | |
| 质(重)量 Mass | 3g | |

外形尺寸 Dimensions(mm/Inch)

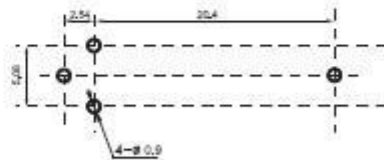


外形尺寸图
Dimensions



1A

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