



CRST76

尺寸(Dimensions):23X16.2X10.2mm

特点 Features

- 1,超轻型继电器 Supper light in weight.
- 2,高灵敏度 High sensitivity.
- 3,通断容量达 16A Switching capacity up to 16A.
- 4,可直接焊接在印刷线路板中 PC Board mounting.

订货信息 Ordering information

CRST 76-C-S-DC12V

1 2 3 4

- 1,型号 Part number: CRST76
- 2,触点形式 Contact arrangement:A:1A;C:1C
- 3,封装形式:S:试水式;无:防尘式 Enclosure: S:Sealed type;Z:Dust cover
- 4,线圈额定电压 Coil rated voltage(V):DC:3,5,9,12,24,48

触点数据 Contact data

| | |
|--|--|
| 触点形式 Contact Arrangement | 1A(1H)(SPST NO);1C(1Z)(SPDT) |
| 触点材料 Contact Material | AgCdO, AgSnO ₂ In ₂ O ₃ |
| 触点负载(阻性) Conatct Rating(Resistive) | 16A/250VAC/30VDC |
| 最大切换功率 Max.Switching Power | 300W 2500VA |
| 最大切换电压 Max.Switching Voltage | 110VDC 380VAC 最大切换电流 Max.Switching Current:16A |
| 触点阴性或压降 Contact Resistance or Voltage Drop | ≤50m Ω |
| 寿命 Operation Life | 电气 Electrical 10 ⁵ |
| | 机械 Mechanical 10 ⁷ |

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 | | | | | | |
| 5 | 6.5 | 125 | 3.75 | 0.25 | 0.2 | ≤10 | ≤5 |
| 6 | 7.8 | 180 | 4.50 | 0.30 | | | |
| 9 | 11.7 | 405 | 6.75 | 0.45 | | | |
| 12 | 25.6 | 720 | 9.00 | 0.60 | | | |
| 24 | 31.2 | 2880 | 18.0 | 1.20 | | | |
| 5 | 6.5 | 56 | 3.75 | 0.25 | 0.45 | | |
| 6 | 7.8 | 80 | 4.50 | 0.30 | | | |
| 9 | 11.7 | 180 | 6.75 | 0.45 | | | |
| 12 | 25.6 | 320 | 9.00 | 0.60 | | | |
| 24 | 31.2 | 1280 | 18.0 | 1.20 | | | |
| 48 | 52.8 | 5120 | 38.4 | 2.40 | | | |

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.

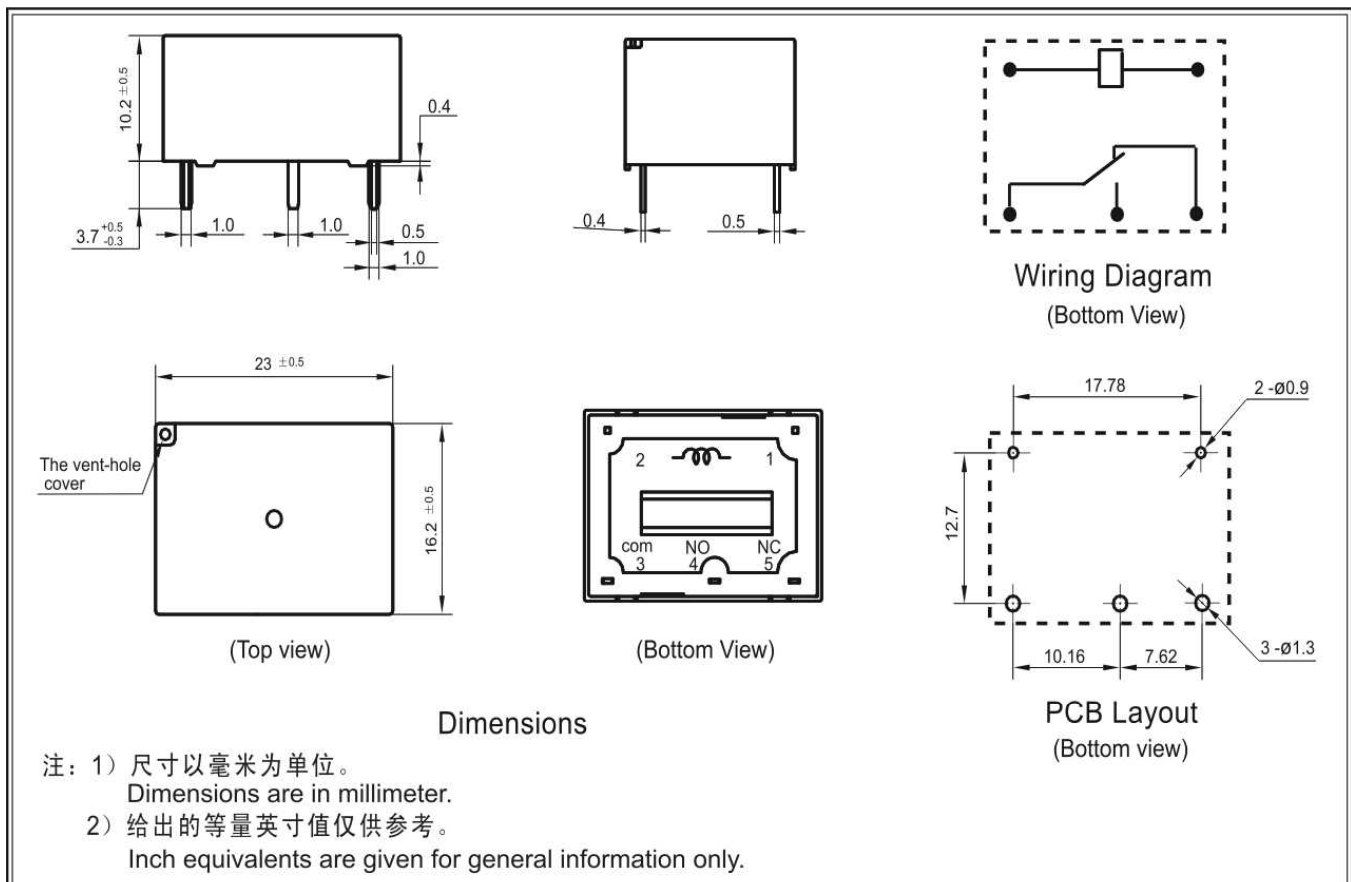
2,吸合,释放电压仅供检测用,不是设计的使用指标.

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 | |
| 断开触点间 Between Contacts | 50Hz750VAC |
| 触点与线圈间 Between Contacts and Coil | 50Hz 1500VAC |
| 耐冲击 Shock Resistance | 100M/S ² 11ms |
| 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 |
| 环境温度 Ambient Temperature | -40~85 $^{\circ}$ C |
| 相当湿度 Relative Humidity | 85%(at 20 $^{\circ}$ C) |
| 质(重)量 Mass | 10g |

外形尺寸 Dimensions(mm/Inch)**参考数据 ReferenceData**