

# CRSTHV-1A

尺寸(Dimensions) 30.90X13.35X11.50mm

## 特点 Features

1. Breakdown up to 4KV
2. High Voltage Reed Relay

## 订货信息 Ordering information

CRSTHV- 12 - 1A - 4K - 7

1 2 3 4 5

1. 型号 Part number: CRSTHV
2. 线圈额定电压 Coil rated voltage(VDC): DC: 5, 12, 24
3. 接触形式 Contact Form: 1A
4. 崩溃电压 Breakdown Voltage: 4KV
5. 接线距 Terminal distance: 7: 7.62mm;

## 触点数据 Contact Rating

Contact Arrangement	1A	
Contact Rating	100W	
Max Switching Voltage	1000VAC peak/VDC	
Max Switching Current	1.0A	
Max Carrying Current	2.5A	
寿命 Operation Life	电气 Electrical	50VDC.10mA 0.5X10 <sup>6</sup> Ops
	机械 Mechanical	1*10 <sup>8</sup> Ops

## 线圈参数 Coil Parameter

线圈电压 Coil voltage(VDC)		线圈电阻 Coil Resistance Ω ±10%	线圈电流 Normal Current(mA)	释放电压 VDC Release voltage VDC(Min) (额定电压的 8%) (8% of rated voltage)	吸合电压 VDC(最大) Pick up Voltage VDC(Max) 额定电压的 75% (75% of Rated voltage)
额定 Rated	最大 Max				
5	6.50	150	33.3	0.4	3.8
12	15.6	500	24.0	1.0	9.0
24	31.2	1600	15.0	2.0	18.0

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

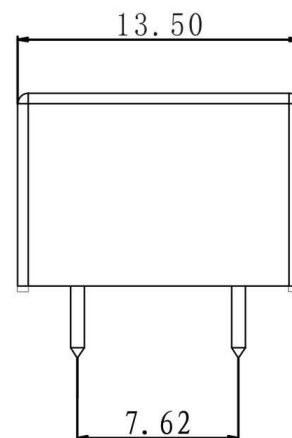
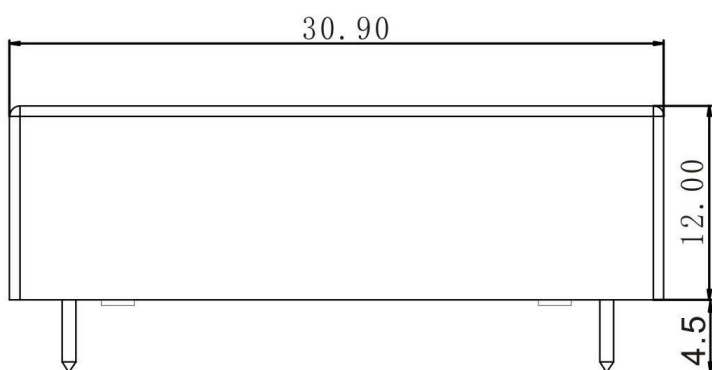
Contact Resistance	150mΩ
Breakdown Voltage	Open Contacts DC.4KV MIN Contacts to COIL DC.4KV MIN
Insulation Resistance	Open contacts 1X10 <sup>10</sup> Ω MIN.(DC.100V) Contacts to coil 1X10 <sup>10</sup> Ω MIN.(DC.100V)
Capacitance Across Contacts	0.2pF

Operate Time	1.0mS
Reset Time	0.1mS
Operating Temperature	-20°C-+70°C
Storage Temperature	-35°C-+105°C
Soldering Temperature	5 sec. max 260°C

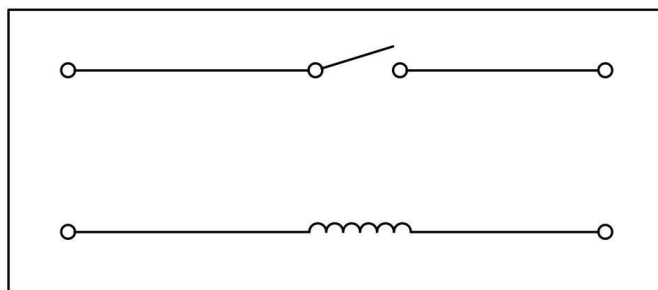
外形尺寸 Dimensions(mm)

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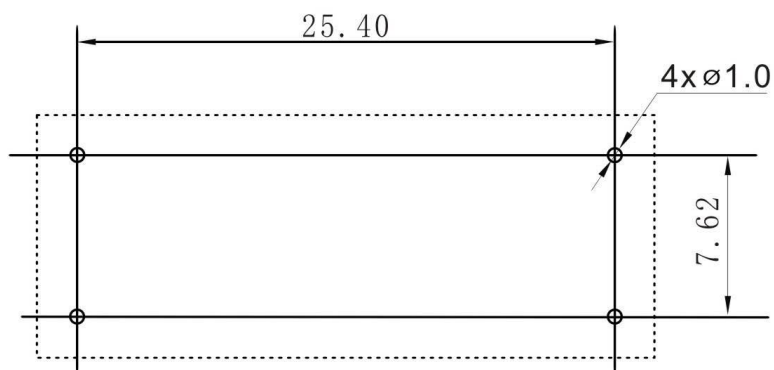
Dimensions (Unit:mm)



Wirng Diagrams(Top View)



PCB Layout(Bottom View)



Dimension Tolerance: <1mm:±0.2mm  
1-5mm:±0.3mm  
>5mm:±0.5mm