



## CRST12FF

尺寸(Dimensions):18.4X15.2X10.2mm

## 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 12A Switching capacity up to 12A.
- 4,可直接焊接在印刷线路板中 PC Board mounting.

## 订货信息 Ordering information

CRST12FF - A - S - DC12V

1 2 3 4

- 1,型号 Part number: CRST12FF
- 2,触点形式 Contact arrangement:A:1A;
- 3,封装形式:S:试水式;无:防尘式 Enclosure: S:Sealed type
- 4,线圈额定电压 Coil rated voltage(V):DC:3,5,6,9,12,24,48

## 触点数据 Contact data

触点形式 Contact Arrangement		1A
触点材料 Contact Material		AgCdO, AgSnO <sub>2</sub>
触点负载(阻性) Conatct Rating(Resistive)		10A/277VAC,30VDC;12A/125VAC
最大切换功率 Max.Switching Power		2500VA/240W
最大切换电压 Max.Switching Voltage		30VDC 277VAC 最大切换电流 Max. Switching Current:15A
触点阻性或压降 Contact Resistance or Voltage Drop		≤50m Ω
寿命 Operation Life	电气 Electrical	10 <sup>5</sup>
	机械 Mechanical	10 <sup>7</sup>

## 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	3.3	20	2.25	0.15	0.45	≤10	≤5
5	5.5	56	3.75	0.25			
6	6.6	80	4.50	0.40			
9	9.9	180	6.75	0.45			
12	13.2	320	9.00	0.60			
24	26.4	1280	18.0	1.20			
48	62.4	5120	36.0	4.80			

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.

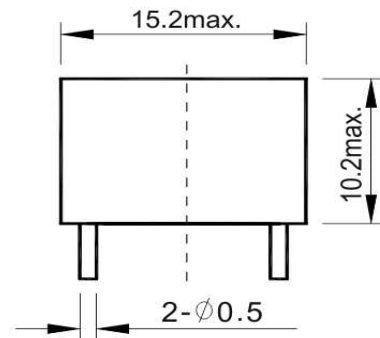
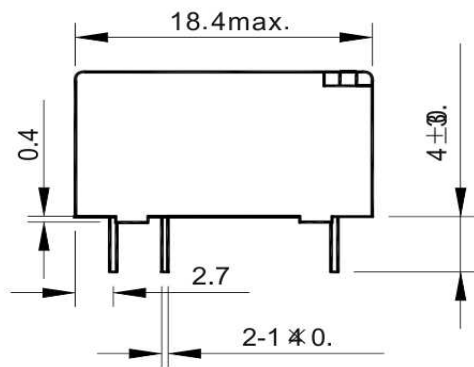
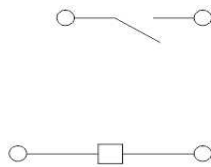
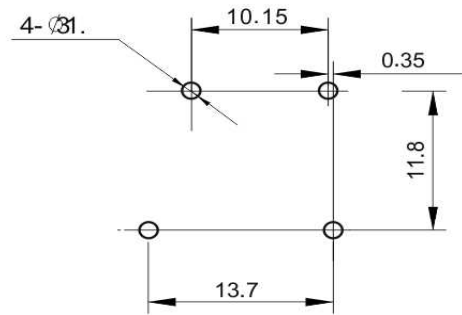
Caution:1,The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

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	100M $\Omega$ min(at 500VDC)	
介质耐压 Dielectric Strength	断开触点间 Between Contacts	750VAC
	触点与线圈间 Between Contacts and Coil	2000VAC
耐冲击 Shock Resistance	动作极限 Functional	98m/s <sup>2</sup>
	破坏极限 Destructive	980m/s <sup>2</sup>
抗振性 Vibration Resistance	10~55Hz 双振幅 Double amplitude 1.5mm	
安装方式 Termination	PCB	
环境温度 Ambient Temperature	-40~70℃	
相当湿度 Relative Humidity	35% to 85%	
质(重)量 Unit weight	Approx.6g	

## 外形尺寸 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。  
Dimensions are in millimeter.
- 2) 给出的等量英寸值仅供参考。  
Inch equivalents are given for general information only.

## 参考数据 ReferenceData

