

## CRST875

尺寸(Dimensions): 21.0X16.0X20.8mm

## 特点 Features

20A switching capability  
Surge voltage up to 6kv(between coil and contacts)  
Ambient temperature meets 105℃  
Product in accordance to IEC60335-1 TV-8  
Thermal class F  
Environmental friendly product(RoHS compliant)

## 订货信息 Ordering information

CRST875 - C - S - DC12V - T

1 2 3 4 5

1,型号 Part number: CRST875 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:5,9,12,24,36,48  
5,Construction capacity: T:High capacity 16A 250VAC,at 105℃(only for CRST875-T) Nil: Standard type

## 触点数据 Contact data

触点形式 Contact Arrangement	1A	1C
触点材料 Contact Material	AgCdO , AgSnO <sub>2</sub>	
触点负载(阻性) Conatct Rating(Resistive)	16A 250VAC 20A 250VAC 16A 30VDC	NO:16A 250VAC 1HP NO:20A 250VAC 1HP NC:7A 400VAC NO:16A 30VDC
最大切换功率 Max.Switching Power	4700VA	
最大切换电压 Max.Switching Voltage	250VAC 最大切换电流 Max.Switching Current:20A	
触点阻性或压降 Contact Resistance or Voltage Drop	≤50m Ω (1A 24VDC)	
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	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	Ω ±10%					
5	6.50	70	3.75	0.5	0.36	≤10	≤5
6	7.80	100	4.50	0.6			
9	11.7	225	6.75	0.9			
12	15.6	400	9.00	1.2			
24	31.2	1600	18.0	2.4			
36	46.8	3600	27.0	3.6			
48	62.4	6400	36.0	4.8			

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.

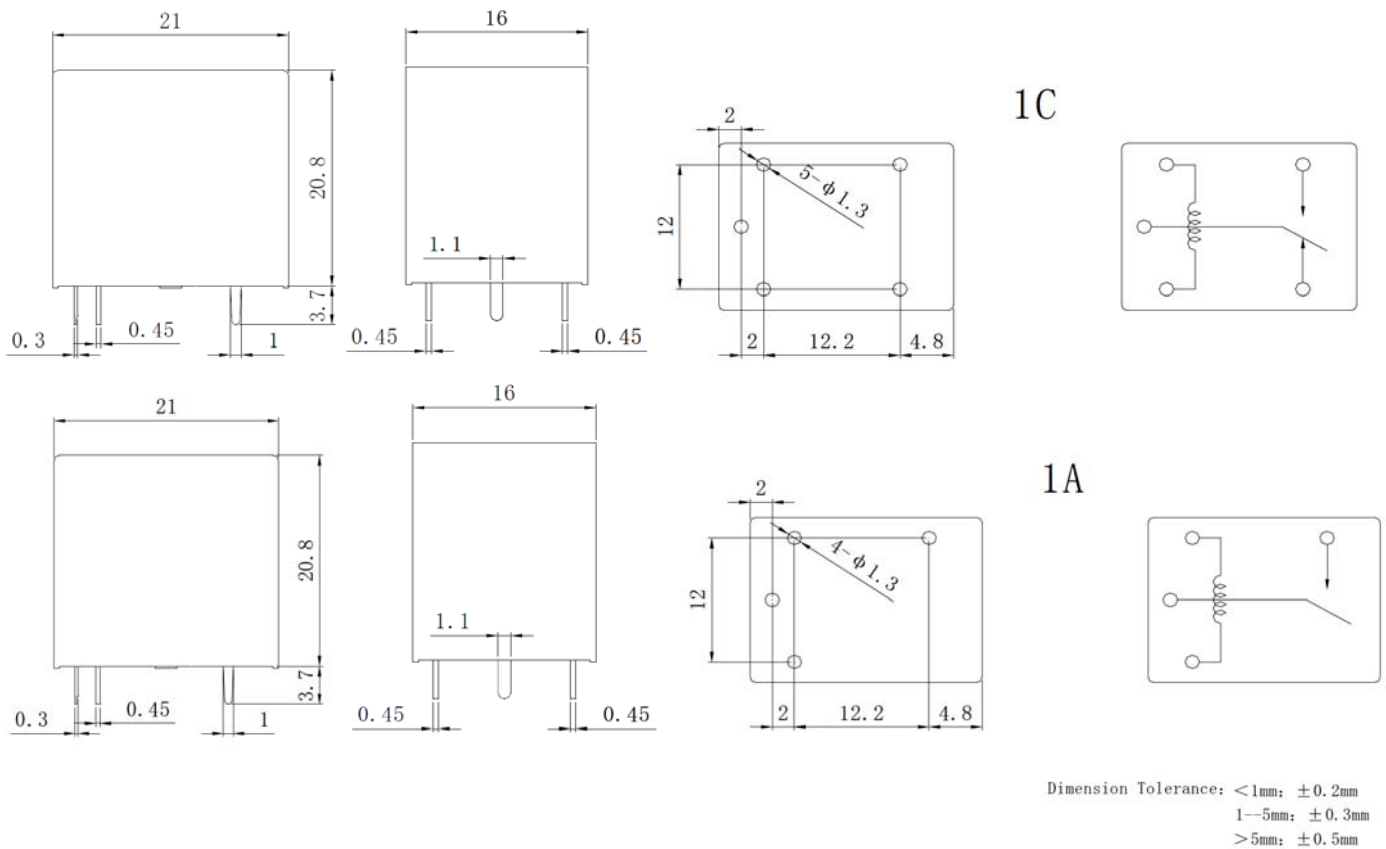
Caution:1,The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

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

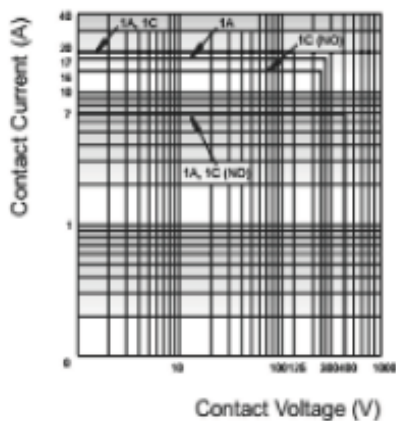
绝缘电阻 Insulation Resistance		100M $\Omega$ (500VDC)
介质耐压 Dielectric Strength	断开触点间 Between open Contacts	1000VAC 1min
	触点与线圈间 Between Contacts and Coil	2000VAC 1min
耐冲击 Shock Resistance	动作极限 Functional	98m/s <sup>2</sup>
	破坏极限 Destructive	980m/s <sup>2</sup>
抗振性 Vibration Resistance		10~55Hz 双振幅 Double amplitude 1.5mm
安装方式 Termination		PCB
环境温度 Ambient Temperature		CRST875:-55~85℃ CRST875-T:-55~105℃
相当湿度 Relative Humidity		5%~85% RH
质(重)量 Unit weight		Approx.14g

## 外形尺寸 Dimensions(mm/Inch)

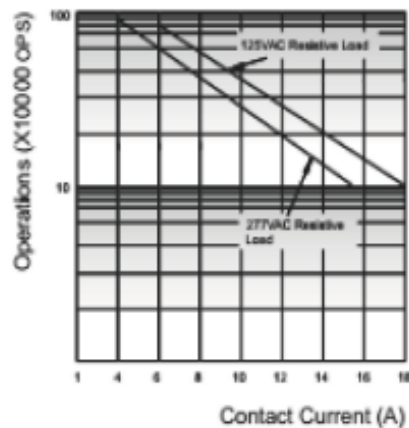


## 参考数据 Reference Data

MAX. SWITCHING POWER



ENDURANCE CURVE



COIL TEMPERATURE RISE

