



## CRST19F

Dimensions:20.2X10X11.5mm

### Features

- 1, Low coil power consumption.
- 2, Small size, Light weight .
- 3, PC board mounting.
- 4, Suitable for household electrical appliances, automation system, electronic equipment, instrument, meter, telecommunication facilities and remote control facilities.

### Ordering information

CRST19F--2C--DC12V-L

1      2      3      4

- 1, Part number: CRST19F      2, Contact arrangement 2C:2C
- 3, Coil Rated voltage(V):DC:3,5,6,9,12,24
- 4, Coil power consumption: Nil 0.2W(Standard);L:0.15W(High sensitivity)

### Contact data

Contact Arrangement	2C	
Contact Material	AgNi, Ag	
Contact Rating(Resistive)	1A 125VAC, 2A 30VDC	
Max.Switching Power	60W 125VA	
Max.Switching Voltage	120VDC 240VAC	Max.Switching Current:2A
Contact Resistance or Voltage Drop	≤100m Ω (10mA 30mVDC)	
Operation Life	Electrical	10 <sup>5</sup>
	Mechanical	10 <sup>7</sup>

### Coil Parameter (23°C)

Coil voltage (VDC)		Coil Resistance Ω ± 10%	Pick up Voltage VDC(Max) (75% of rated voltage)	Release voltage VDC(Min) (10% of rated voltage)	Coil power consumption (W)	Operate Time (mS)	Release Time (mS)
Rated	Max						
5	6.5	125.0	3.75	0.5	0.20	≤6	≤5
6	7.8	405.0	4.50	0.6			
12	15.6	720.0	9.00	1.2			
24	31.2	2880	18.0	2.4			

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 to be used as design criteria.

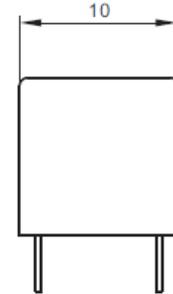
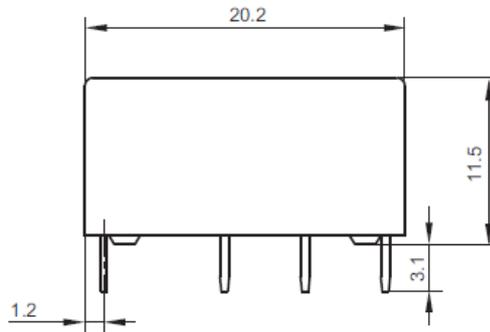
### Operation condition

Insulation Resistance	100M Ω (500VDC)	
Dielectric Strength	Between open Contacts	500VAC 1min
	Between Contacts and Coil	1000VAC 1min
Shock Resistance	Functional	196m/s <sup>2</sup>
	Destructive	980m/s <sup>2</sup>

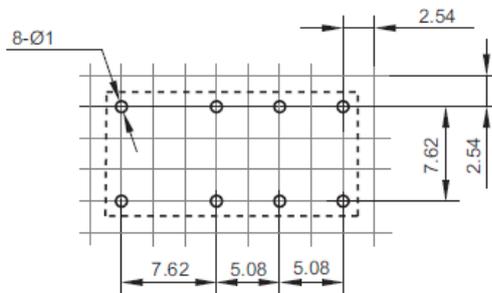
Vibration Resistance	10~55Hz Double amplitude 1.5mm
Termination	PCB
Ambient Temperature	-30~85°C
Relative Humidity	5%~85% RH
Unit weight	Approx.5g

## Dimensions(mm)

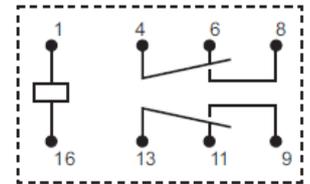
外形图



安装孔尺寸  
(底视图)



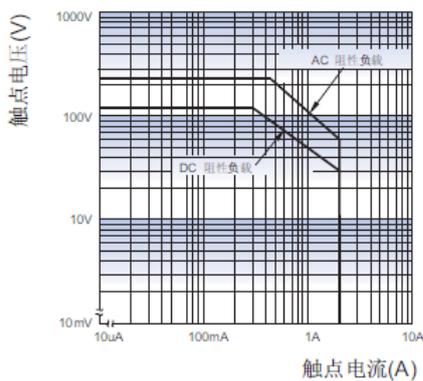
接线图  
(底视图)



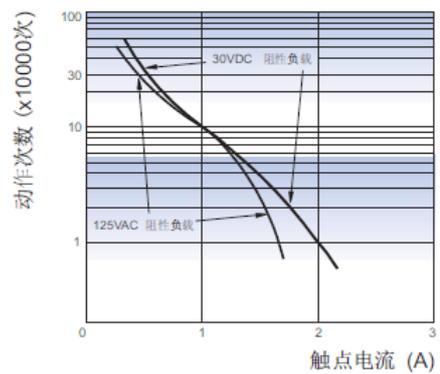
Dimension Tolerance: <1mm: ±0.2mm  
1--5mm: ±0.3mm  
>5mm: ±0.5mm

## Reference Data

最大切换功率



电耐久性曲线



测试条件:  
阻性负载, 85°C, 1s通9s断。