



## CRST23F

(Dimensions): 12.3X7.3X10.2mm

- 1, Low coil power consumption.
- 2, High sensitivity.
- 3, Small size, Light weight .
- 4, PC board mounting.
- 5, Suitable for automation facilities, telecommunication equipment, household electrical appliance, wireless radio remote control, sound control toys application etc

### Ordering information

CRST23F-S-DC12V-L

1 2 3 4

- 1, Part number: CRST23F
- 2, Enclosure: S: Sealed type; Z: Dust cover
- 3, Coil Rated voltage(V): DC: 03, 05, 06, 09, 12, 24
- 4, Coil power consumption: Nil 0.2W(Standard); L: 0.15W(High sensitivity)

### Contact data

Contact Arrangement	1C	
Contact Material	AgNi, Ag	
Contact Rating(Resistive)	2A/125VAC 2A/24VDC	
Max.Switching Power	48W 250VA	
Max.Switching Voltage	30VDC 125VAC Max.Switching Current:2A	
Contact Resistance or Voltage Drop	$\leq 50m\Omega$ (0.1A 6VDC)	
Operation Life	Electrical	$10^5$
	Mechanical	$5*10^6$

### Coil Parameter

Rated	Max	Coil Resistance $\Omega \pm 10\%$	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)
5	10	166.7	4.0	0.5			
9	18	540.0	7.2	0.9			
12	24	960.0	9.6	1.2			
3	6	45.0	2.25	0.3	0.20	$\leq 5$	$\leq 5$
5	7.5	125.0	4.0	0.5			
9	13.5	405.0	7.2	0.9			
12	18.0	720.0	9.6	1.2			
24	36.0	2880	19.2	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.

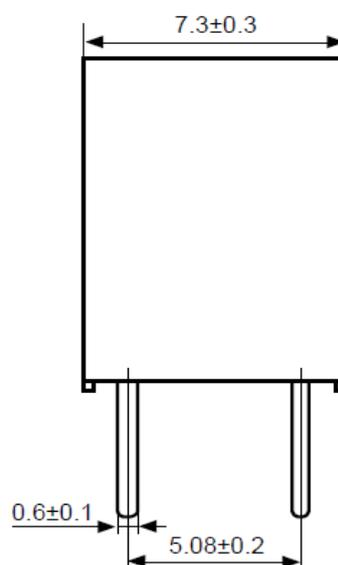
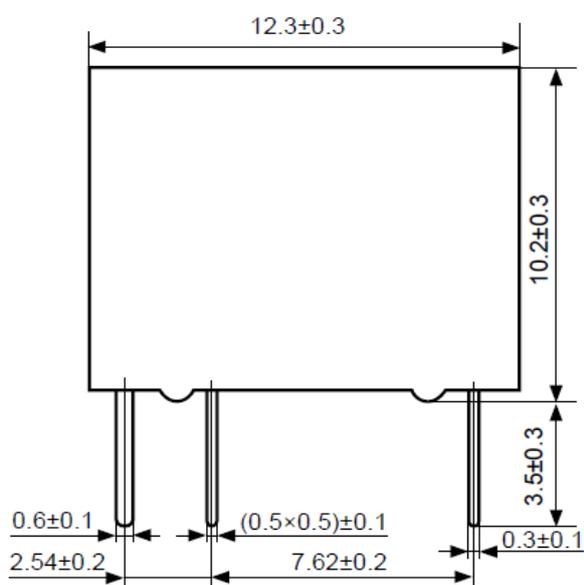
### Operation condition

Insulation Resistance	1000M $\Omega$ (500VDC)
Dielectric Strength	Between open Contacts 500VAC 1min

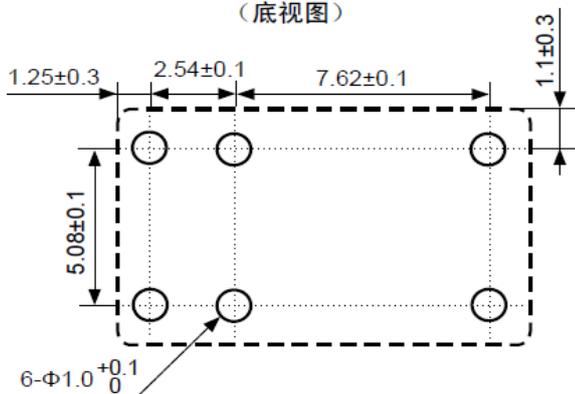
	Between Contacts and Coil	1000VAC 1min
Shock Resistance	Functional	100m/s <sup>2</sup>
	Destructive	1000m/s <sup>2</sup>
Vibration Resistance		10~55Hz Double amplitude 1.5mm
Termination		PCB
Ambient Temperature		-40~70°C
Relative Humidity		35%~95% RH
Unit weight		Approx.2.2g

## Dimensions(mm)

外形图



安装孔尺寸  
(底视图)



接线图  
(底视图)

