



CRSTHV-1A05

(Dimensions) 24X6X8mm

Features

1. Breakdown up to 3KV
2. High Voltage Reed Relay

Ordering information

CRSTHV- 1A 12

1 2 3

1. Part number: CRSTHV
2. Contact Form: 1A
3. Coil rated voltage(VDC): DC: 5, 12, 24

Contact Rating

Contact Arrangement	1A;
Contact Rating	100W
Max Switching Voltage	1000VAC peak/VDC
Max Switching Current	1.0A
Max Carrying Current	2.5A
Life Expectancy	1.0V 10mA 1X10 ⁷ Ops

Coil Parameter

Coil voltage(VDC)		Coil Resistance $\Omega \pm 10\%$	Normal Current(mA)	Release voltage VDC(Min) (10% of rated voltage)	Pick up Voltage VDC(Max) (75% of Rated voltage)
Rated	Max 130%				
5	6.5	120	41.7	0.5	3.75
12	15.6	500	24.0	1.2	9.0
24	31.2	2000	12.0	2.4	18.0

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

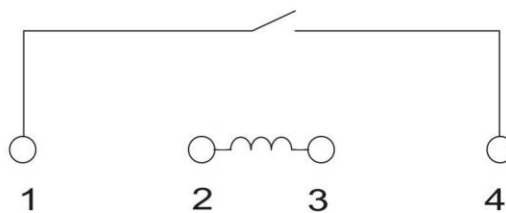
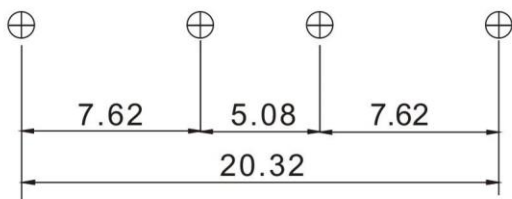
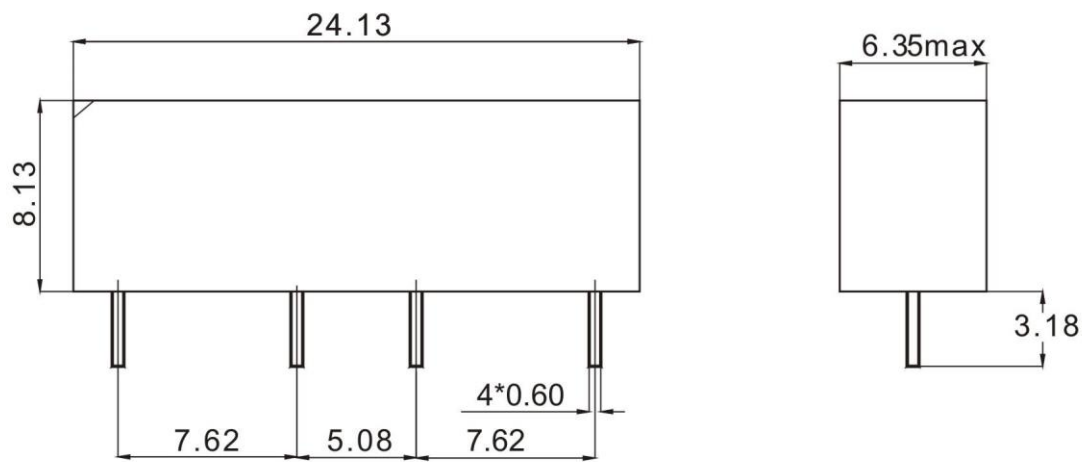
2, Pick up and release voltage are for test purposes only and are not to be used as design criteria.

Operation condition

Contact Resistance	150m Ω	
<i>Breakdown Voltage</i>	Coil to contacts	4000V(VDC / Peak AC)
	Across contact	3000V(VDC / Peak AC)
Insulation Resistance	Open contacts 1X10 ¹¹ Ω MIN. Contacts to coil 1X10 ¹¹ Ω MIN.	
Capacitance	Across open contact	1.0pF
	Open contact to coil	2.0pF
Operate Time	1.0mS	
Reset Time	0.1mS	
Operating Temperature	-20 $^{\circ}$ C--+85 $^{\circ}$ C	
Storage Temperature	-35 $^{\circ}$ C--+105 $^{\circ}$ C	
Soldering Temperature	5 sec. max 260 $^{\circ}$ C	

外形尺寸 Dimensions(mm)

Dimensions(Unit : mm)



Wiring Diagrams (Top View)

Mounting (Top View)