



CRSTHV

(Dimensions) CRSTHV:70X19X20.5mm

Features					
1,Breakdown Voltage Is DC.10KV					
2,4 PCB type,2 PCB+2 Wire type					
Ordering information					
<u>CRSTHV-14KV-A-W</u>					
1		2 3			
1,Part number: CRSTHV					
2, Contact Form:A:Normal Open,B:Normal Close					
3,Teminal Type:NIL:PCB type,W:PCB+Wire					
Contact Rating					
Contact Arrangement			1A(1H)(SPST NO); 1B(1B)(SPST NC);		
Contact Rating			50W		
Max.Switching Voltage (DC or AC PEAK) Max			DC.7KV,		
Breakdown Voltage Min			DC.10KV		
Max.Switching Current			2.0A		
Max.Carry Current			3.0A		
Operation Life		Electrical		DC.10000V-1mA 0.5X10 ⁶ MIN Operations(R.L.)	
		Mechanical		1*10 ⁸ MIN Operations(R.L.)	
Coil Parameter (23°C)					
Coil voltage (VDC)		Coil Resistance Ω ±10%	Normal Current(mA)	Release voltage VDC(Min) (10% of rated voltage)	Pick up Voltage VDC(Max) (80% of Rated voltage)
Rated	Max				
5	6.5	50	100.0	0.5	4.0
12	15.6	200	60.0	1.2	9.6
24	31.2	720	33.3	2.4	19.2

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.

Operation condition	
Contact Resistance	150mΩ MAX.(Initial)
Breakdown Voltage	Open Contacts DC.10KV MIN Contacts to COIL DC.15KV MIN

CRST RELAYS

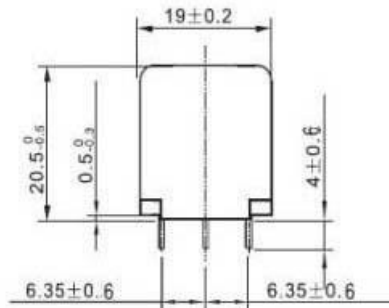
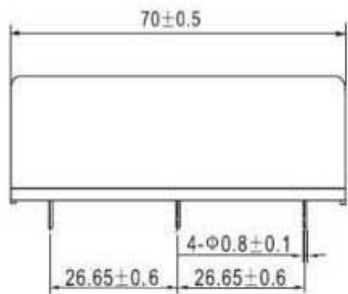
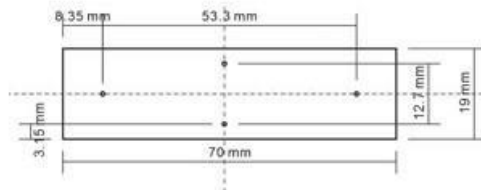
<http://www.crstrelay.com>

Insulation Resistance	Open contacts $1 \times 10^9 \Omega$ MIN. (DC.100V) Contacts to coil $1 \times 10^9 \Omega$ MIN. (DC.100V)
Electromotive Capacitance	2.0pF MAX.
Operate Time	(Incl.bounce)4.0mS MAX.(at Normal Voltage)
Release Time	2.0mS MAX.(at Normal Voltage)
Vibration	20G(0~55Hz.1.5mm)
Shock	30G(11mS,1/2Sin Wave)
Operating Temperature	-20°C - +70°C
Storage Temperature	-35°C - +90°C

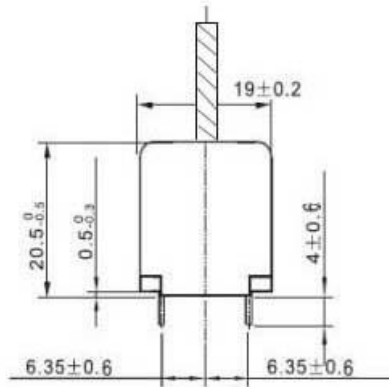
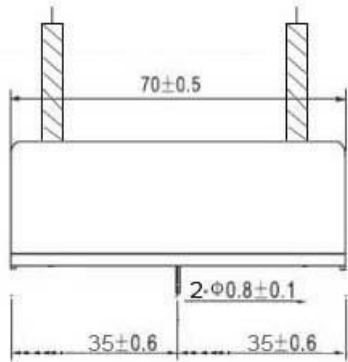
Dimensions(mm/Inch)

Dimensions(Unit:mm)

4 PCB Terminals



2 PCB Terminals + 2 Wires



Wiring Diagrams(Top View)

