



CRSR

(Dimensions): 25.2X8.0X8.3mm

Features

- 1, Small size,light weight,Low coil power consumption.
- 2, Strong anti-shock and anti-vibration,high reliability,long life.
- 3, PC board mounting.
- 4, High sensivity.

Ordering information

CRSR-5-05

1 2 3 4

- 1,Part number: CRSR
- 2, Coil Resistance(Ω):1:63;2:250;5:500;7:700;10:1050;20:2080
- 3,Coil rated voltage(V):DC:3,5,8,12,24

Contact data

Contact Arrangement	1A(1H)(SPST NO);	
Contact Material	Ru/Rh	
Conatct Rating(Resistive)	0.1A/125VAC;0.5A/24VDC	
Max.Switching Power	10W(DC)/10VA(AC)	
Max.Switching Voltage	120VAC,60VDC Max.Switching Current:1A	
Contact Resistance or Voltage Drop	$\leq 150m\Omega$	
Operation Life	Electrical	10^7
	Mechanical	10^8

Coil Parameter (23°C)

Coil voltage (VDC)		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)
Rated	Max						
3	3.90	250	2.25	0.3	0.036	≤ 0.5	≤ 0.2
5	6.50	500	3.75	0.5	0.050		
8	10.4	700	6.0	0.8	0.091		
12	15.6	1050	9.0	1.2	0.137		
24	31.2	2080	18.0	2.4	0.277		

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

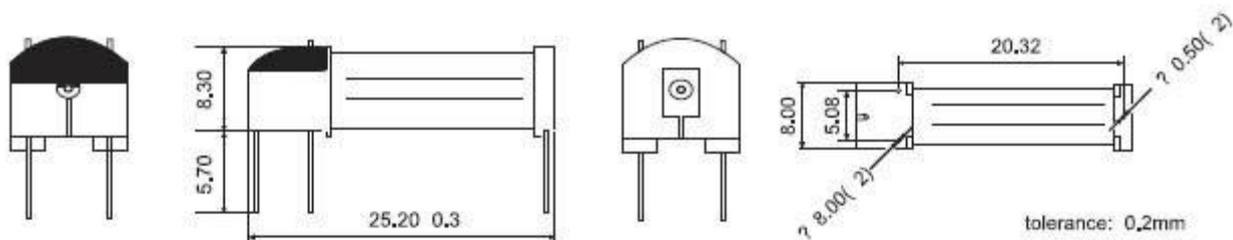
2,Pick up and release voltage are for test purposes only and are not be used as design criteria.

Operation condition

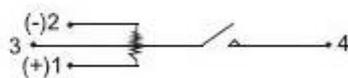
Insulation Resistance	100M Ω min(at 500VDC)	
Dielectric Strength		
Between Contacts	50Hz200VAC	
Between Contacts and Coil	50Hz 3000VAC	
Shock Resistance	Functional	20G
	Destruction	100G
Vibration Resistance	10~55Hz Double amplitude 1.5mm	

Terminals Strength	10N
Solderability	235±2℃
Ambient Temperature	-30~70℃
Storage Temperature	-40~125℃
Mass	3g

Dimensions(mm)

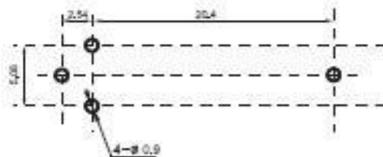


外形尺寸图
Dimensions



1A

安装尺寸图 (底视图)
Mounting (Bottom view)



接线图 (底视图)
Wiring diagram (Bottom view)

- 注: 1) 尺寸以毫米为单位。
NOTES Dimensions are in millimeters.
- 2) 给出的等量英寸值仅供参考。
Inch equivalents are given for general information only