CRST12FF

Dimensions:18.4X15.2X10.2mm

Features

1,Super light in weight.
2,High sensitivity.
3,Switching capacity up to 12A.
4,PC Board mounting.

订货信息 Ordering information

CRST12FF - A - S - DC12V
1 2 3 4

1,Part number: CRST12FF 2, Contact arrangement:A:1A;
3, Enclosure: S:Sealed type
4,Coil rated voltage(V):DC:3,5,6,9,12,24,48

Contact data

Contact Arrangement		1A
Contact Material		AgCdO, $AgSnO_2$
Conatct Rating(Resistive)		10A/277VAC,30VDC;12A/125VAC
Max.Switching Power		2500VA/240W
Max.Switching Voltage		30VDC 277VAC Max. Switching Current:15A
Contact Resistance or Voltage Drop		≤50mΩ
Operation Life	Electrical	10^5
	Mechanical	10^7

Coil Parameter (23℃)

Coil voltage (VDC) Rated	Coil voltage (VDC) Max	Coil Resistance Ω ±10%	Pick up Voltage VDC(Max) (75% of rated voltage)	Release voltage VDC(Min) (5% of rated voltage)	Coil power consumption (W)	Operate Time (mS)	Release Time (mS)
3	3.3	20	2.25	0.15	0.45	≤10	≤5
5	5.5	56	3.75	0.25			
6	6.6	80	4.50	0.40			
9	9.9	180	6.75	0.45			
12	13.2	320	9.00	0.60			
24	26.4	1280	18.0	1.20			
48	62.4	5120	36.0	4.80			

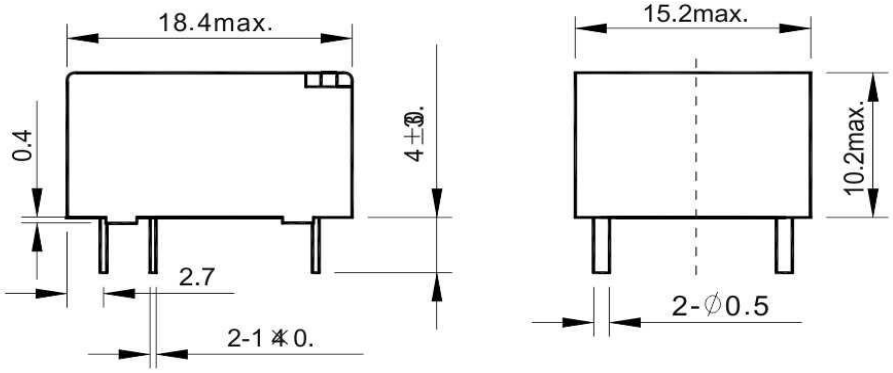
Caution:1,The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
2,Pick up and release voltage are for test purposes only and are not be used as design criteria.

Operation condition

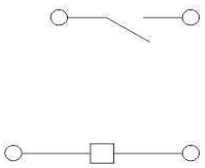
Insulation Resistance		100MΩ min(at 500VDC)
Dielectric Strength	Between Contacts	750VAC
	Between Contacts and Coil	2000VAC

Shock Resistance	Functional	98m/s^2
	Destructive	980m/s^2
Vibration Resistance		10~55Hz Double amplitude 1.5mm
Termination		PCB
Ambient Temperature		-40~70℃
Relative Humidity		35% to 85%
Unit weight		Approx.6g

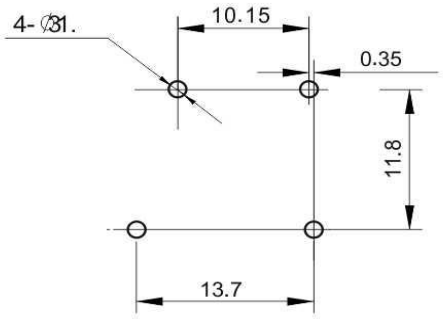
Dimensions(mm)



外形尺寸图
Dimensions



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。
Dimensions are in millimeter.
2）给出的等量英寸值仅供参考。
Inch equivalents are given for general information only.

参考数据 ReferenceData