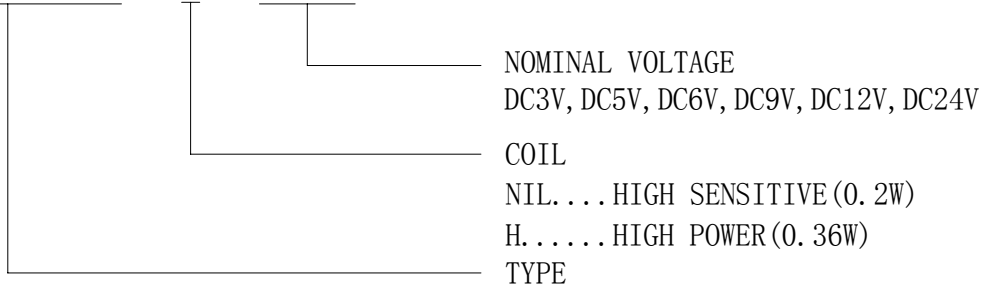


ORDERING CODE 订购代码

HLS6-4100H-1 - H - DC12V


CONTACT DATA 触点参数:

Contact Form	触点形式	1A/1C
Contact Material	触点材料	Au+Ag Alloy
Contact Ratings	触点负载	3A:120VAC/24VDC
Max Switching Voltage	最大转换电压	240VAC/60VDC
Max Switching Current	最大转换电流	3A
Max Switching Power	最大转换功率	240VA/90W
Initial Contact Resistance	接触电阻 (首次)	50mΩ Max at 6VDC 1A
Life Expectancy Electrical	电气寿命	100,000 Operations(rated load)
Life Expectancy Mechanical	机械寿命	10,000,000 Operations(no load)

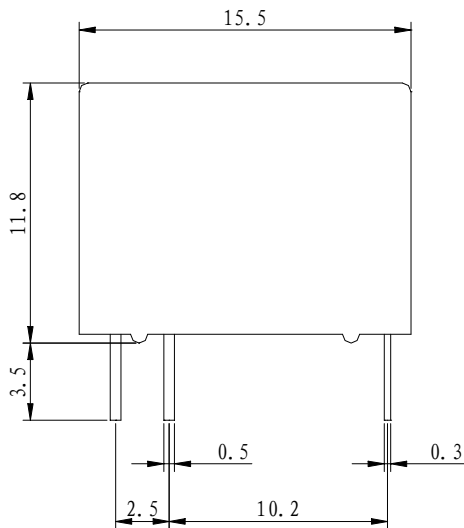
GENERAL DATA 一般参数:

Insulation Resistance	绝缘阻值	100MΩ Min at 500VDC	
Dielectric Strength Between Open Contacts	触点间耐压	500VAC 50-60HZ (1 minute)	
Dielectric Strength Between Contacts And Coil	触点与线圈间耐压	1000VAC 50-60HZ (1 minute)	
Operate Time	吸合时间	5ms max	
Release Time	释放时间	5ms max	
Ambient Temperature	环境温度	-25°C to +70°C	
Shock Resistance 冲击	Malfunction	动作极限	10G
	Destruction	破坏极限	10G
Vibration Resistance	振动	10-55Hz, 1.5mm double amplitude	
Ambient humidity	湿度	40-85% RH	
Weight	重量	Approx 4g	
Safety Standard	安全标准	UL CQC	

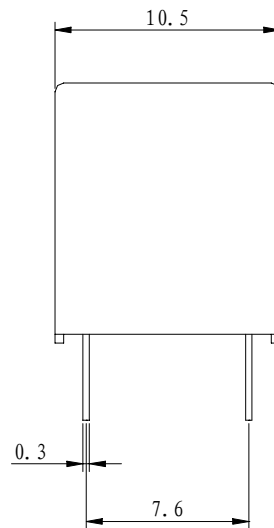
COIL DATA 线圈参数: (@20°C)

Rated Voltage 额定电压 (VDC)	Coil Resistance Ω ($\pm 10\%$) 线圈阻值		Max Operate Voltage 最大吸合电压 (VDC)	Min Release Voltage 最小释放电压 (VDC)	Max Applied Voltage 最大允许电压 (VDC)
	0.2W	0.36W			
3	45	25	2.25	0.15	3.9
5	125	70	3.75	0.25	6.5
6	180	100	4.5	0.3	7.8
9	405	225	6.75	0.45	11.7
12	720	400	9	0.6	15.6
24	2800	1600	18	1.2	31.2

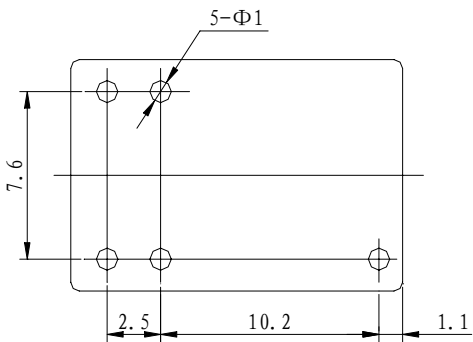
Outline Dimension 外形尺寸 (mm)



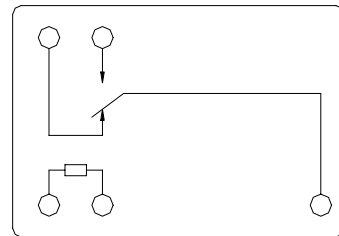
PC Board layout 安装图



Wiring Diagram 接线图



(Bottom View)底视



(Bottom View)底视