



ORDERING CODE 订购代码

HLS-102F - DC12V

NOMINAL VOLTAGE
DC5V,DC12V,DC24V

TYPE

CONTACT DATA 触点参数:

Contact Form	触点形式	1A
Contact Material	触点材料	Ag Alloy
Contact Ratings	触点负载	20A 250VAC/30VDC
Max Switching Voltage	最大转换电压	250VAC 30VDC
Max Switching Current	最大转换电流	20A
Max Switching Power	最大转换功率	5000VAC 600W
Initial Contact Resistance	接触电阻 (首次)	50m Ω Max at6VDC 1A
Life Expectancy Electrical	电气寿命	100,000 Operations (rated load)
Life Expectancy Mechanical	机械寿命	2,000,000 Operations (no load)

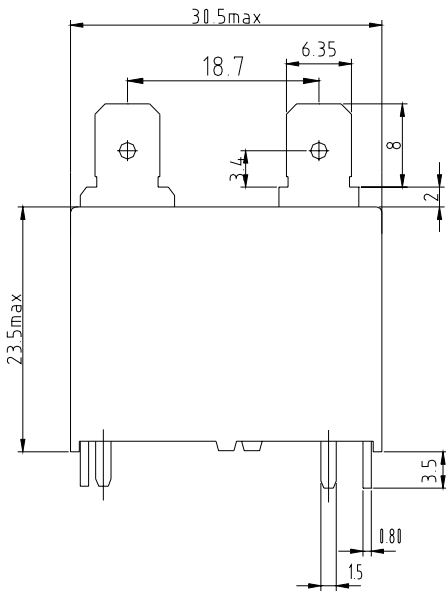
GENERAL DATA 一般参数:

Insulation Resistance	绝缘阻值	1000M Ω min at500VDC
Dielectric Strength Between Open Contacts	触点间耐压	1000VAC 50-60HZ (1 minute)
Dielectric Strength Between Contacts And Coil	触点与线圈间耐压	4500VAC 50-60HZ (1 minute)
Operate Time	吸合时间	20ms max
Release Time	释放时间	10ms max
Ambient Temperature	环境温度	-25°C to +55°C
Shock Resistance	冲击	10G
Vibration Resistance	振动	10-55Hz, 1.5mm double amplitude
Ambient humidity	湿度	40-85% RH
Weight	重量	Approx 23g
Safety Standard	安全标准	CQC

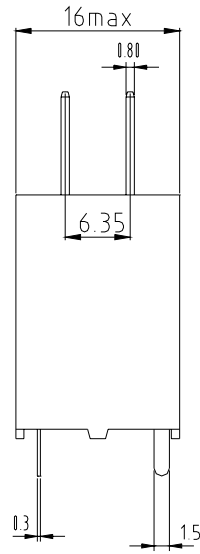
COIL DATA 线圈参数: (@20°C)

Rated Voltage 额定电压 (VDC)	Coil Resistance Ω (±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)
	0.9W			
5	27.5	3.75	0.25	6.5
12	160	9	0.6	15.6
24	640	18	1.2	31.2

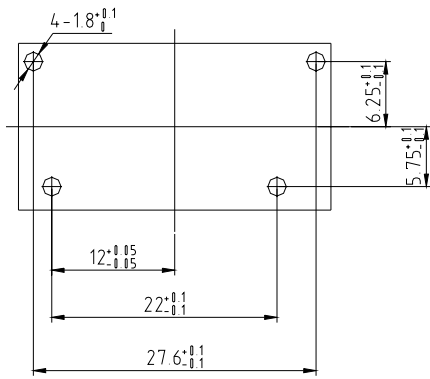
Outline Dimension 外形尺寸(mm)



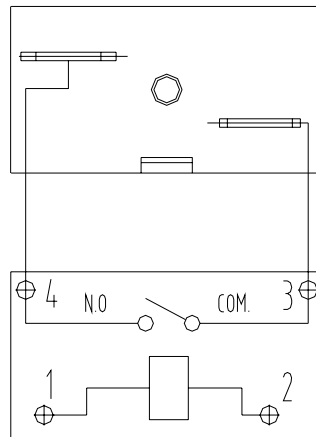
PC Board layout 安装图



Wiring Diagram 接线图



(Bottom View) 底视



(Top View)

(Bottom View) 底视