
特点 Features:

- 16A触点切换能力。
Contact switching capability:16A.
- 可提供符合IEC 60335-1 要求的产品。
Product comply with IEC 60335-1 available.
- 超小型, 标准印刷板引出脚。
Subminiature, standard PCB layout.

触点参数 CONTACT DATA

型号	Model	YX306H
触点形式	Contact Arrangement	1A、1B、1C
接触电阻	Contact Resistance	100mΩ Max.
触点材料	Contact Material	银合金 Silver Alloy
额定负载(阻性)	Contact Rating (Res.Load)	16A 250VAC/30VDC
最大切换电流	Max. Switching Current	16A
最大切换电压	Max. Switching Voltage	277VAC/30VDC
最大切换功率	Max. Switching Power	4000VA/480W
机械寿命	Mechanical endurance	1x10 ⁷ 次 OPS
电气寿命	Electrical endurance	1x10 ⁵ 次 OPS

性能参数 CHARACTERISTICS

吸合时间(额定电压下)	Operate Time (at nomi.volt.)	10ms Max.
释放时间(不带二极管)	Release Time (without diode)	5ms Max.
绝缘电阻	Insulation Resistance	100MΩ Min.(500VDC)
介质耐压	Dielectric Strength	触点与触点间 Between Open Contacts : 1000VAC, 50/60Hz 1 min.
		触点与线圈间 Between Coil & Contacts: 1,500VAC, 50/60Hz 1 min.
抗振性	Vibration resistance	误动作 Functional: 10~55Hz 双振幅 1.5mm (DA)
		耐久 Destructive: 10~55Hz 双振幅 1.5mm (DA)
抗冲击	Shock resistance	误动作 Functional: 10G Min.
		耐久 Destructive: 100G Min.
环境温度	Ambient Temperature	-40°C~+105°C (不冷凝 No condensation)
重量	Unit Weight	约 Approx. 9.4g

线圈参数 COIL DATA (at 23°C)

额定电压 Rated voltage (VDC)	额定电流 Rated current ±10%(mA)	线圈电阻 Coil resistance ±10%(Ω)	最大连续外加电压 Max allowable voltage VDC (Max.)	吸合电压 Operate voltage VDC (Max.)	释放电压 Release voltage VDC (Min.)	额定功率 Rated coil power (W)
3	120.0	25	额定电压的 of rated voltage 130 %	额定电压的 of rated voltage 75 %	额定电压的 of rated voltage 5 %	约 approx. 0.36
5	71.4	70				
6	60.0	100				
9	40.0	225				
12	30.0	400				
15	24.0	625				
18	20.0	900				
24	15.0	1,600				
48	7.5	6,400				

线圈参数 COIL DATA (at 23°C)

额定电压 Rated voltage (VDC)	额定电流 Rated current ±10%(mA)	线圈电阻 Coil resistance ±10%(Ω)	最大连续外加电压 Max allowable voltage VDC (Max.)	吸合电压 Operate voltage VDC (Max.)	释放电压 Release voltage VDC (Min.)	额定功率 Rated coil power (W)
3	150.0	20	额定电压的 of rated voltage 130 %	额定电压的 of rated voltage 75 %	额定电压的 of rated voltage 5 %	约 approx. 0.45
5	90.9	55				
6	75.0	80				
9	50.0	180				
12	37.5	320				
15	30.0	500				
18	25.0	720				
24	18.8	1,280				
48	9.4	5,120				

线圈参数 COIL DATA (at 23°C)

额定电压 Rated voltage (VDC)	额定电流 Rated current ±10%(mA)	线圈电阻 Coil resistance ±10%(Ω)	最大连续外加电压 Max allowable voltage VDC (Max.)	吸合电压 Operate voltage VDC (Max.)	释放电压 Release voltage VDC (Min.)	额定功率 Rated coil power (W)
3	266.7	11	额定电压的 of rated voltage 130 %	额定电压的 of rated voltage 75 %	额定电压的 of rated voltage 5 %	约 approx. 0.8
5	160.0	31				
6	133.3	45				
9	88.9	101				
12	66.7	180				
15	53.3	281				
18	44.4	405				
24	33.3	720				
48	16.7	2,880				

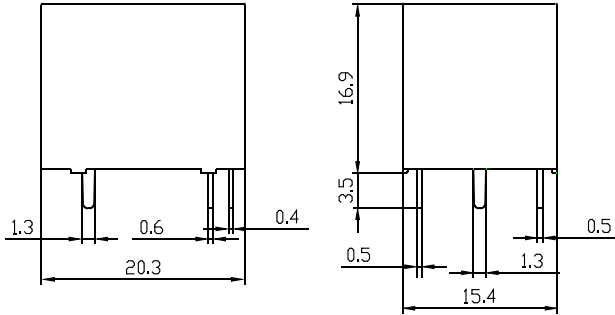
订货标记示例 ORDERING INFORMATION

YX306H	-S	-1	12	D	M	X	
							特殊参数 Special parameters : 无-标准型 , 字母或数字-特殊要求
							触点形式 Contact form : 无-转换, M-常开, B-常闭 Nil-Form C , M-Form A , B-Form B
							线圈功耗 Coil power : D-0.36W , H-0.45W , G-0.8W
							线圈规格 Coil voltage : 03,05,06,09,12,15,18,24,36,48 (VDC)
							触点组数 Number of poles : 1-1组 1-1 Group
							封装形式 Protective construction : S-塑封式 S-Flux proofed
							基本型号 Type designation : YX306H

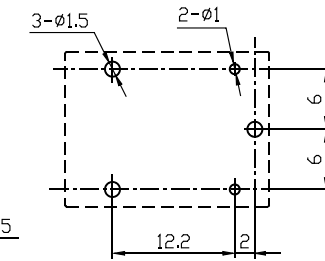
外形尺寸、接线图、安装孔位图 (单位: mm)

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PCB LAYOUT (Unit: mm)

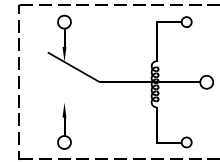
外形尺寸
Outline Dimensions



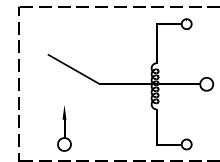
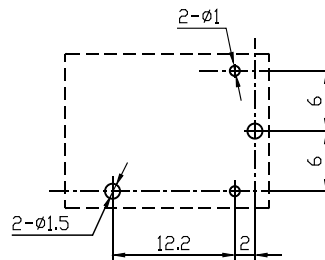
安装孔位图 (底视图)
PCB Layout (Bottom View)



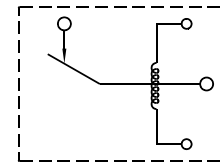
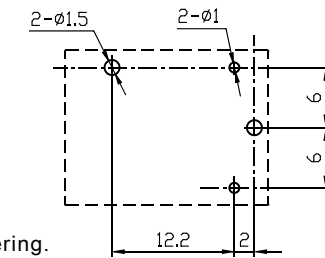
接线图 (底视图)
Wiring Diagram (Bottom View)



转换型
1 Form C



常开型
1 Form A



常闭型
1 Form B

注 Remark :

1. 未标注尺寸公差

Unmarked dimensional tolerance

- $\leq 1\text{mm}$: $\pm 0.2\text{mm}$;
- (1~5)mm: $\pm 0.3\text{mm}$;
- $\geq 5\text{mm}$: $\pm 0.4\text{mm}$.

2. 安装孔尺寸公差: $\pm 0.1\text{mm}$.

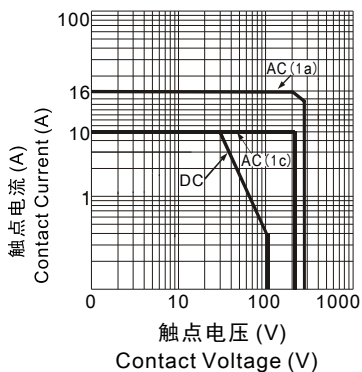
The tolerance of PCB layout is always: $\pm 0.1\text{mm}$.

3. 引出脚尺寸为预焊前尺寸.

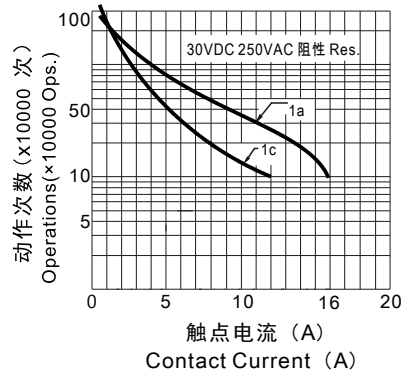
Extended terminal dimension is dimension before soldering.

性能曲线图 CHARACTERISTIC CURVES

最大切换功率
Max. Switching Power



寿命曲线
Endurance Curve



线圈温升
Coil Temperature Rise

