
特点 Features:

- 高触点容量:12A触点切换能力
High switching capability:12A.
- 低高度 Low height:15.7mm
- 高耐压 5KV
Dielectric Strength:5KV(between coil&contacts)

触点参数 CONTACT DATA

型 号	Model	YX208LE
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)	12A 250VAC/30VDC
最大切换电流	Max. Switching Current	12A
最大切换电压	Max. Switching Voltage	277VAC/30VDC
最大切换功率	Max. Switching Power	4000VA/360W
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.)	15ms Max.
释放时间(不带二极管)	Release Time (without diode)	8ms Max.
绝缘电阻	Insulation Resistance	1000MΩ 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: 5000VAC, 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℃~+105℃ (不冷凝 No condensation)
重 量	Unit Weight	约 Approx. 12.5g

线圈参数 COIL DATA (at 23℃)

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	133.3	23	额定电压的 of rated voltage 150 %	额定电压的 of rated voltage 75 %	额定电压的 of rated voltage 5 %	约 approx. 0.4
5	80.0	63				
6	66.7	90				
9	44.4	203				
12	33.3	360				
15	26.7	563				
18	22.0	810				
24	16.7	1,440				
36	11.1	3,240				
48	8.3	5,760				

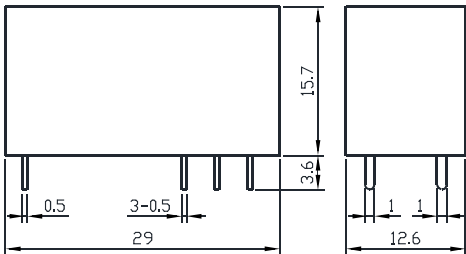
订货标记示例 ORDERING INFORMATION

YX208LE	-S	-1	12	D	M	
						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-0.4 W
						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, SH-防水式 S-Flux proofed , SH-Sealed type
						基本型号 Type designation : YX208LE

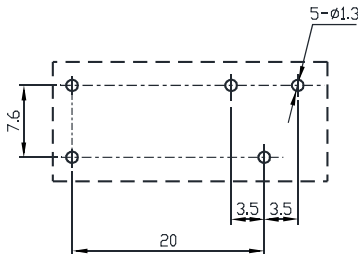
外形尺寸、接线图、安装孔位图 (单位 : mm)

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

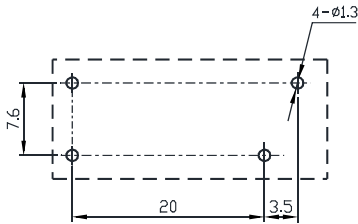
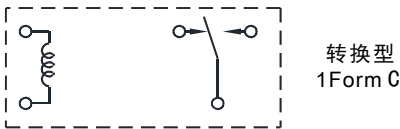
外形尺寸
Outline Dimensions



安装孔位图 (底视图)
PCB Layout (Bottom View)



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



注 Remark :

1. 未标注尺寸公差

Unmarked dimensional tolerance

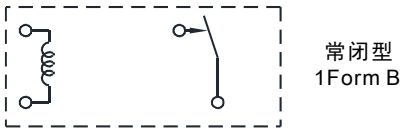
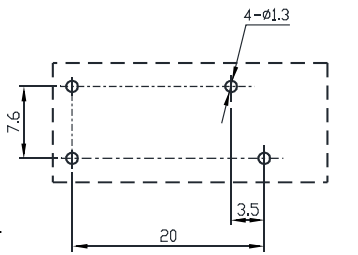
- $\leq 1\text{mm}$: $\pm 0.2\text{mm}$;
- $(1\sim 5)\text{mm}$: $\pm 0.3\text{mm}$;
- $\geq 5\text{mm}$: $\pm 0.4\text{mm}$.

2. 安装孔尺寸公差: $\pm 0.1\text{mm}$.

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

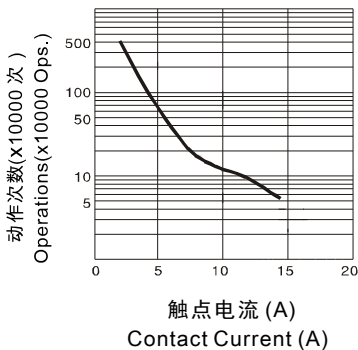
3. 引出脚尺寸为预焊前尺寸.

Extended terminal dimension is dimension before soldering.



性能曲线图 CHARACTERISTIC CURVES

寿命曲线
Endurance Curve



线圈温升
Coil Temperature Rise

