
特点 Features:

- 高灵敏度:线圈功率150mW
High sensitive:150mW coil power
- 小型尺寸
Small size:20.2x10x11.5mm
- 两组转换触点形式
2 transfer contact configuration.

触点参数 CONTACT DATA

型号	Model	YT106
触点形式	Contact Arrangement	2C
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)	1A 125VAC ; 2A 30VDC
最大切换电流	Max. Switching Current	2A
最大切换电压	Max. Switching Voltage	125VAC/30VDC
最大切换功率	Max. Switching Power	125VA/60W
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.)	6ms Max.
释放时间(不带二极管)	Release Time (without diode)	4ms 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 : 750VAC, 50/60Hz 1 min.
		触点与线圈间 Between Coil & Contacts: 1,000VAC, 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: 50G Min.
环境温度	Ambient Temperature	-40°C~+85°C (不冷凝 No condensation)
重量	Unit Weight	约 Approx. 5.0g

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	50.0	60	7.0	额定电压的 of rated voltage 75 %	额定电压的 of rated voltage 5 %	约 approx. 0.15
5	30.0	167	11.5			
6	25.0	240	13.8			
9	16.7	540	20.8			
12	12.5	960	27.7			
24	6.3	3,840	55.2			

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	66.7	45	6.0	额定电压的 of rated voltage 75 %	额定电压的 of rated voltage 5 %	约 approx. 0.20
5	40.0	125	10.0			
6	33.3	180	12.0			
9	22.2	405	18.0			
12	16.7	720	24.0			
24	8.3	2,880	48.0	额定电压的 of rated voltage 75 %	额定电压的 of rated voltage 5 %	约 approx. 0.36
3	120.0	25	4.5			
5	72.0	69	8.0			
6	60.0	100	10.0			
9	40.0	225	14.5			
12	30.0	400	18.5			
24	15.0	1,600	35.5			

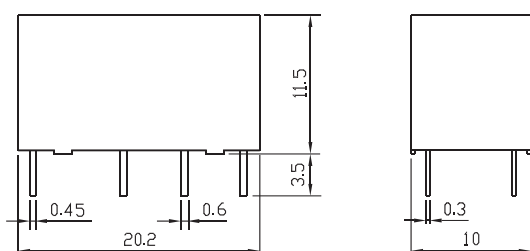
订货标记示例 ORDERING INFORMATION

YT106	-S	-2	12	D	M	
				触点形式 Contact form :		无-转换, Nil-Form C
				线圈功耗 Coil power :		D-0.36 W, L-0.2W (0.15W 可选 optional)
				线圈规格 Coil voltage :		03,05,06,09,12,24 (VDC)
				触点组数 Number of poles :		2-2组, 2-2 Group
				封装形式 Protective construction :		S-塑封式 S-Flux proofed
				基本型号 Type designation :		YT106

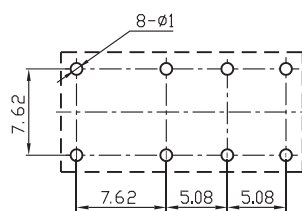
外形尺寸、接线图、安装孔位图 (单位: mm)

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

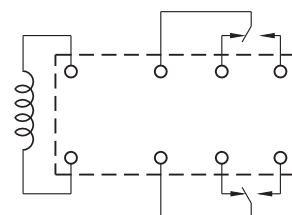
外形尺寸
Outline Dimensions



安装孔位图 (底视图)
PCB Layout (Bottom View)



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



注 Remark :

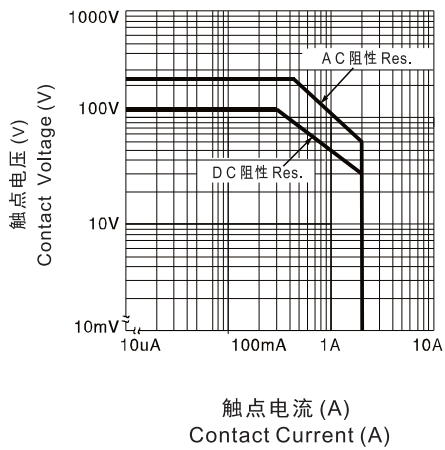
1. 未标注尺寸公差 Unmarked dimensional tolerance
 $\leq 1\text{mm}$: $\pm 0.2\text{mm}$; $(1\sim 5)\text{mm}$: $\pm 0.3\text{mm}$; $\geq 5\text{mm}$: $\pm 0.4\text{mm}$.

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

最大切换功率
Max. Switching Power



寿命曲线
Endurance Curve

