

FEATURES特点

- UL safety approval.
UL安规认证.
- Nominal power 200mW.
正常功耗为200 毫瓦特.
- Heavy current up to 15 Amps.
大电流可达15安培。
- Low shape.
外观较矮
- DIL pitch terminal.
DIL 型端子.



UL FILE NO.: E171095

用途: 电熨斗、电饭煲、咖啡壶

CONTACT RATING 接点参数

Contact Form 接点型式	1A SPST-NO
Max. Switching Power最大切换功率	3750VA
Max. Switching Voltage最大切换电压	250VAC
Max. Switching Current最大切换电流	15A
Min. Switching Current / Voltage 最小开关电流 / 电压	100mA 5VDC
Rating Load(Resistive)额定负载(阻性)	15A/250VAC 10A/30VDC
Contact Material接点材质	Ag Alloy银合金

CHARACTERISTICS 性能参数

Electrical Life 电气寿命	1 × 10 ⁶	
Mechanical Life机械寿命	1 × 10 ⁷	
Insulation Resistance绝缘阻抗	Min. 1,000MΩ 500VDC	
Contact Resistance(Initial)接点电阻	≤100mΩ	
Operate Time 动作时间	≤20ms	
Release Time 开放时间	≤10ms	
Initial Dielectric Strength 耐压	between open contacts开放接点间: 50/60Hz 1000VAC 1min. between contacts and coil接点线圈间: 50/60Hz 2000VAC 1min.	
Vibration Resistance 耐振动	Malfunction: 误动作:	10 ~ 55Hz Double Amplitude双振幅 1.5mm
	Damage limits: 耐久:	10 ~ 55Hz Double Amplitude双振幅 1.5mm
Shock Resistance 耐冲击	Malfunction: 误动作:	10G
	Damage limits: 耐久:	100G
Ambient Temperature环境温度	-40℃ ~ +105℃ (No freezing 无结冰)	
Relative Humidity相对湿度	85% at 40℃	
Unit Weight单位重量	约Approx. 8g	

ORDERING INFORMATION型号代码说明

945 - 1A - 6 D S - F

1 2 3 4 5 6

<p>1. Model Number型号 945 = Standard type 标准型 945F= Fast terminal type 快插端子型</p> <p>2. Contact Arrangement接点形式 1A = 1 Form A 1组常开</p> <p>3. Coil Voltage线圈电压 5 ~ 24VDC</p>	<p>4. Coil Type线圈形式 D=DC 直流</p> <p>5. Enclosure密封形式 S = Sealed Type密封型</p> <p>6. Type of Insulation绝缘形式 Nil = Class A F = Class F</p>
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COIL RATINGS (at 20°C) 线圈额定值 (在20°C)

COIL TYPE 线圈形式	Coil Nominal Voltage 线圈额定电压 (V)	Coil Resistance 线圈阻抗 ($\Omega \pm 10\%$)	Pick-Up Voltage 动作电压(V) (Max)	Drop-Out Voltage 开放电压(V) (Min)	Nominal Current 额定电流 (mA)
DC Standard Coils 直流标准线圈 (abt. 0.2W)	5	125	3.75	0.50	40
	9	405	6.75	0.90	22.2
	12	720	9.00	1.20	16.7
	24	2880	18.00	2.40	8.3

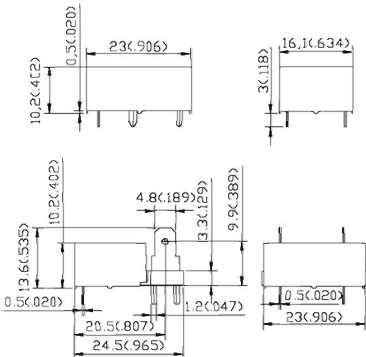
* Max Continuous Voltage at 20°C: 130% of Coil Normal Voltage.

最大使用电压在20°C:线圈额定电压的130%

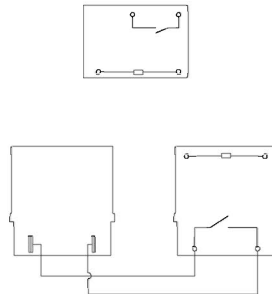
OUTLINE DIMENSIONS 外部尺寸

UNIT: mm(inch) 单位: 毫米(英寸)

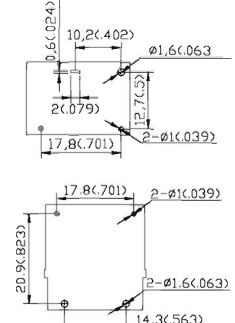
Dimensions尺寸



Internal Connections接线图
(Bottom View底视图)



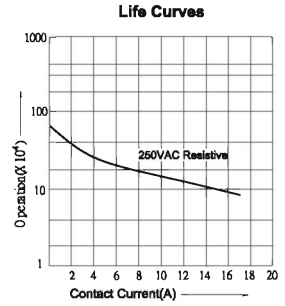
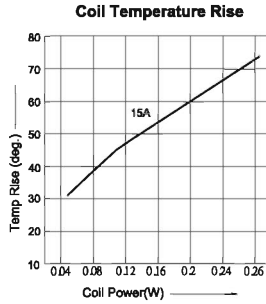
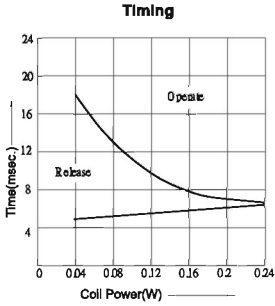
Drilling Plan孔位图
(Bottom View底视图)



REMARK: Dimensions $\leq 5\text{mm} \pm 0.2\text{mm}$, $> 5\text{mm} \pm 0.3\text{mm}$, the tolerance of PCB thru hole: $+0.2\text{mm}$

备注: 尺寸公差 $\leq 5\text{mm} \pm 0.2\text{mm}$, $> 5\text{mm} \pm 0.3\text{mm}$, 印刷电路板孔 $+0.2\text{mm}$

945 Reference Data 参考资料



SAFETY STANDARD 安规认证

SAFETY 安规名称	Coil Voltage 线圈电压	Contact Rated 接点额定值
UL	DC: 5 ~ 24V	15A 250VAC 10A 250VAC 10A 30VDC 1/3HP 240VAC
TUV		15A 250VAC 10A 250VAC
CQC		15A 250VAC 10A 250VAC

* TUV、CQC Application 申请中