

# 134系列继电器SERIES RELAY

## FEATURES特点

- 10Amps Power relay. 10安培功率继电器
- UL ,CQC& TUV safety approval.  
UL ,CQC及 TUV 安规认证.
- High dielectric strength 高绝缘力度
- 4,000VAC between contacts and coil.  
接点线圈间为4,000VAC
- Nominal power 200mW~400mW.  
正常功率 200至400毫瓦特.
- Sensitive and standard coil available.  
高感度型及标准型两种供选择.



UL FILE NO: E171095

CQC FILE NO:

TUV FILE NO:

## CONTACT RATING 接点参数

Contact Form接点形式	1A SPST-NO	1C SPDT
Max. Switching Power最大切换功率	1,385VA	
Max. Switching Voltage最大切换电压	277VAC	
Max. Break Current最大切换电流	5A	
Min. Switching Current/Voltage 最小切换电流/电压	100mA 5VDC	
Rating Load(Resistive)额定负载(阻性)	5A 277VAC	
Contact Material接点材质	Ag Alloy银合金	

## CHARACTERISTICS 性能参数

Electrical Life 电气寿命	$1 \times 10^5$	
Mechanical Life机械寿命	$1 \times 10^7$	
Insulation Resistance绝缘阻抗	Min. 1,000M $\Omega$ 500VDC	
Contact Resistance(Initial)接触电阻	$\leq 100m\Omega$	
Operate Time 动作时间	$\leq 20ms$	
Release Time 开放时间	$\leq 10ms$	
Initial Dielectric Strength 耐压	between open contacts开放接点间: 50/60Hz 750VAC 1min. between contacts and coil接点线圈间: 50/60Hz 4000VAC 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 $^{\circ}$ C ~ +105 $^{\circ}$ C (No freezing 无结冰)	
Relative Humidity相对湿度	85% at 40 $^{\circ}$ C	
Unit Weight单位重量	约Approx.6.5 g	

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## ORDERING INFORMATION型号代码说明

134 H-1A-12 D S-F					
1 2 3 4 5 6 7					
1. Model Number 型号 2. Coil Sensitivity 线圈感度 Nil = Standard Type 标准型 (abt. 0.4W) H = High Sensitive Type 高感度型 (abt. 0.2W) 3. Contact Arrangement 接点形式 1A = 1 Form A 1组常开 1C = 1 Form C 1组转换			4. Coil Voltage 线圈电压 5 ~ 24VDC 5. Coil Type 线圈形式 D = DC 直流 6. Enclosure 密封形式 S = Sealed Type 密封型 7. Insulation Type 绝缘形式 Nil = Class A A级 F = Class F F级		

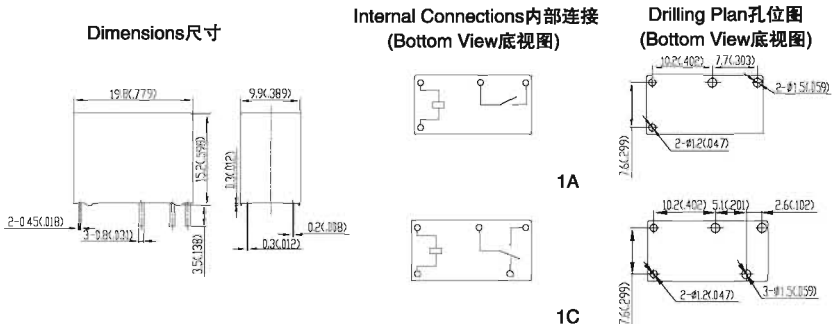
## COIL RATINGS (at 20°C) 线圈额定值 (在20°C)

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. 0.4W)	5	63	3.75	0.25	79.4
	9	202	6.75	0.45	44.6
	12	360	9	0.6	33.3
	24	1440	18	1.2	16.7
DC High Sensitive Coils 直流高感度线圈 (abt. 0.2W)	5	125	3.75	0.25	40
	9	405	6.75	0.45	22.2
	12	720	9	0.6	16.7
	24	2800	18	1.2	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)

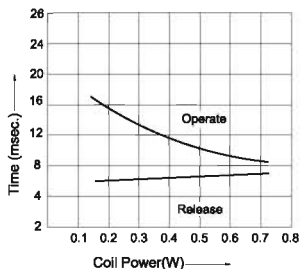


REMARK: Dimensions  $\leq 5\text{mm} \pm 0.2\text{mm}$ ,  $> 5\text{mm} \pm 0.3\text{mm}$ , the tolerance of PCB thru hole:  $+0.2\text{mm}$   
 备注: 尺寸公差  $\leq 5\text{mm} \pm 0.2\text{mm}$ ,  $> 5\text{mm} \pm 0.3\text{mm}$ , 印刷电路板孔  $+0.2\text{mm}$

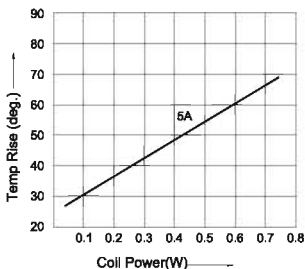
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## 134 Reference Data 参考资料

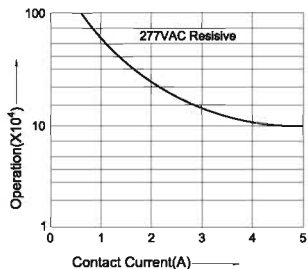
Timing



Coil Temperature Rise



Life Curves



## 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: 5V~24V	(134/134H 1A): 5A/277VAC 5A/30VDC 10A/125VAC 1/6HP 277VAC  (134/134H 1C): NO 5A/277VAC NO 5A/30VDC NC 3A/277VAC NC 5A/30VDC

\*CQC、TUV Application 申请中