

## 超小型中功率电磁继电器 / Subminiature Intermediate Power Relay

<p><b>CTPR3系列</b> CTPR3 SERIES</p>	<ul style="list-style-type: none"> <li>● 特性 Features           <ul style="list-style-type: none"> <li>● 尺寸: (20.5x7.2x15.3mm) Dimension: (20.5x7.2x15.3mm)</li> <li>● 切换能力达5A Ability to switch up to 5A</li> <li>● 高灵敏度, 功耗仅为 200mW High sensitivity and power consumption is only 200mW</li> <li>● 宽度仅 7.2MM, 适用高密度安装 Width is only 7.2MM, suitable for high density installation.</li> </ul> </li> <li>● 环保产品 (符合 ROHS) Environmentally friendly products (in line with ROHS)</li> <li>● 安规认证 Safety Approval</li> </ul> <div style="text-align: center;"> </div>
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触点参数 / CONTACT DATA			性能参数 / GENERAL DATA		
触点形式 Contact Form	A- 一组常开 A-1 Form A		绝缘电阻 Insulation Resistance	Min. 1000MΩ.500VDC	
触点材料 Contact Material	银合金 Ag Alloy		介电耐压 Dielectric Strength:	触点与触点间 Between open contacts	750VAC,1min
触点负载 Contact Rating	5A 250VAC			触点与线圈间 Between coil and contacts	4000VAC,1min
接触电阻 Contact Resistance	100mΩ Max (6VDC 1A)		吸合时间 Operate time	Max.10ms	
负载 Load	最大切换电压 Max.Switching Voltage	250VAC,30VDC	释放时间 Release time	Max.10ms	
	最大切换电流 Max.Switching Current	5A	环境温度 Ambient Temperature	-40℃~+95℃	
	最大切换功率 Max.Switching Power	1250VA	相对湿度 Humidity	35~85%RH,+40℃	
	最小切换电压及电流 Min.Switching Load	5VDC,100mA	冲击 Shock Resistance	强度 Endurance	980m/S <sup>2</sup>
寿命 Life	电寿命 Electrical Life	100,000 次 100,000 times		稳定性 Misoperation	98m/S <sup>2</sup>
	机械寿命 Mechanical	10,000,000 次 10,000,000 times	振动 Vibration Resistance	强度 Endurance	10~55HZ,1.5mm双振幅 10~55HZ,1.5mm double amplitude
线圈参数 COIL DATA				稳定性 Misoperation	10~55HZ,1.5mm双振幅 10~55HZ,1.5mm double amplitude
额定线圈功率 (W) Rated Coil Power(W)		0.2W	重量 Weight	约 3.0g Approximately 3.0g	

安规认证 / SAFETY APPROVAL					
认证类型 / 认证号 Certified/File No.	触点形式 Contact Form	额定线圈功率 (W) Rated Coil Power(W)	额定线圈电压 (VDC) Rated Coil Voltage(VDC)	认证负载 Safety Approval Rating	备注 Remark
UL/C-UL	A	0.2W	5-24VDC	5A 250VAC	环境温度 : 95℃ Ambient Temperature:95℃
CQC	A	0.2W	5-24VDC	5A 250VAC	环境温度 : 85℃ Ambient Temperature:85℃
TUV	A	0.2W	5-24VDC	5A 250VAC	环境温度 : 85℃ Ambient Temperature:85℃

线圈规格 / COIL DATA				
额定线圈电压 Rated Coil Voltage (VDC)	线圈电阻 Coil Resistance ( Ω ± 10%)	吸合电压 Operate Voltage ≤ (VDC)	释放电压 Release Voltage ≥ (VDC)	额定线圈功率 Rated Coil Power (W)
5	125	3.75	0.5	0.2
6	180	4.5	0.6	
9	405	6.75	0.9	
12	720	9	1.2	
18	1620	13.5	1.8	
24	2880	18	2.4	

命名规则/OPDERING INFORMATION

CTPR3 -S -D12V -A (xxx)

客户特性号 :  
Customer characteristic No:

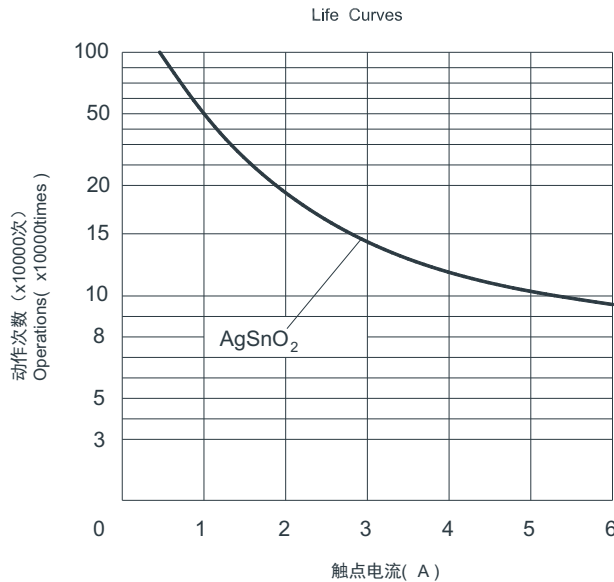
触点转换形式: A- 一组常开  
Contact Forms : A- 1 Form A

额定线圈电压 (VDC) : 05, 06, 09, 12, 18, 24  
Rated Coil Voltage (VDC) : 05, 06, 09, 12, 18, 24

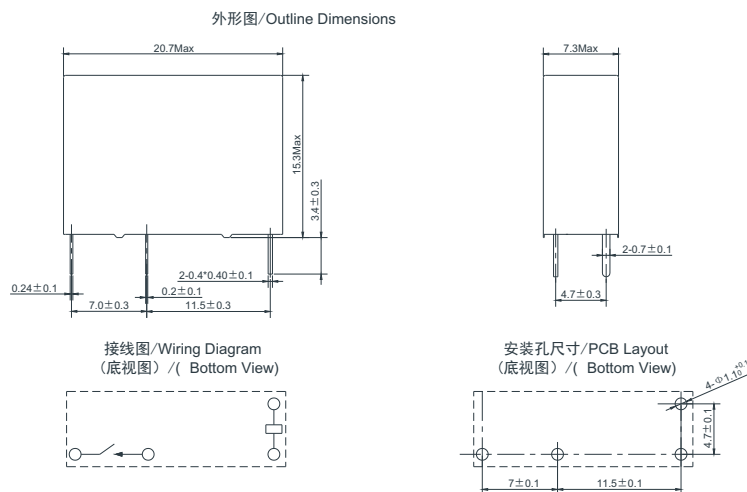
封装形式: S-塑封型 SH-防焊剂型  
Packing Forms: S-Plastic Sealed Type SH-Flux Model

型号: CTPR3  
Model: CTPR3

特性曲线图/CHARACTERISTIC CHART DATA



外形图,接线图,安装孔尺寸(单位:mm) / OUTLINE DIMENSIONS, WIRING DIAGRAM, PCB LAYOUT(UNIT:mm)



声明:

本产品的规格书仅供客户使用时参考,若有更改,恕不另行通知,对本公司而言,不可能评定继电器在每一个具体领域的所有性能参数要求,因而客户应根据具体的使用条件选择与之相配的产品,若疑问,请与云尖联系以便获取更多的技术支持,但选型责任仅由客户负责。

Disclaimer:

The specification is for reference only.Specifications subject to change without notice.We could not evaluate all the performance and all the parameters for every possible application.Thus the user should be in a right position to choose the suitable product for their own application.If there is any query,please contact "Cloutip"for the technical service.However,it is the use's responsibility to determine which product should be used only.