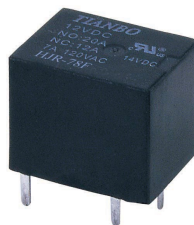


PCB 继电器

TRKM (HJR-78F)

- 20A switching capability
- Small size auto relay
- Conform to RoHS,ELV directive



 E173485

ORDERING CODE 订购代码

TRKM	D	S	Z	/ 12VDC
1	2	3	4	5
1. Relay Model 继电器型号	4. 触点转换形式			
TRKM or HJR-78F	Z: Form C B: Form B			
2. Coil Power 线圈功率	H: Form A			
D=0.8W, L=0.6W	5. Coil Nominal Voltage 线圈额定电压			
3. S: Sealed 密封	6,9,12,24VDC			

COIL DATA 线圈参数 (at 20°C)

Nominal Voltage额定电压(VDC)	6	9	12	24	0.6W
Coil Resistance线圈阻值(Ω ±10%)	60	135	240	960	
Rated Current额定电流(mA)	100	66.7	50	25	
Max Operate Voltage 最大吸合电压(VDC)	3.9	5.85	7.8	15.6	
Min Release Voltage最小释放电压(VDC)	0.48	0.72	0.96	1.92	
Coil Resistance线圈阻值(Ω ±10%)	45	100	180	720	0.8W
Rated Current额定电流(mA)	133.3	88.9	66.7	33.3	
Max Operate Voltage 最大吸合电压(VDC)	3.9	5.85	7.8	15.6	
Min Release Voltage最小释放电压(VDC)	0.48	0.72	0.96	1.92	
Max ApplicableVoltage 最大过载电压	70℃时额定电压的130%，23℃时额定电压的170%				

CONTACT DATA 触点参数

Contact Form触点形式	1H/1Z/1B
Contact Material触点材料	Silver Alloy
Load负载	Resistive load(COS Φ =1)
Contact Ratings触点负载	NO: 20A 14VDC NC: 12A 14VDC 1Z: 7A 120VAC
Minimum load 最小负载	100mA 5VDC
Max Switching Voltage最大转换电压	250VAC/16VDC
Max Switching Current最大转换电流	25A
Max Switching Power 最大转换功率	840VA/280W
Contact Resistance接触电阻	100m Ω Max at 6VDC 1A
Life Expectancy寿命	Electrical 电气寿命: 100,000 Operations(at30Operations/minute)
	Mechanical机械寿命: 10,000,000 Operations(at300Operations/minute)

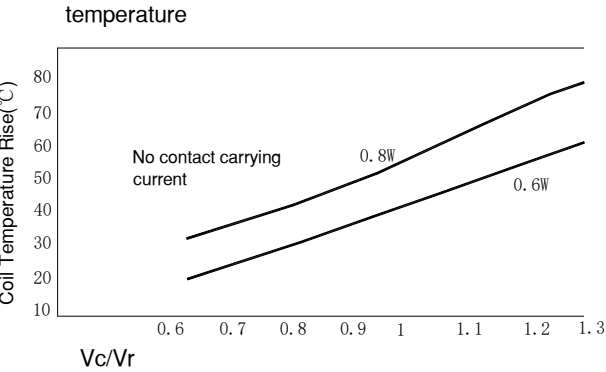
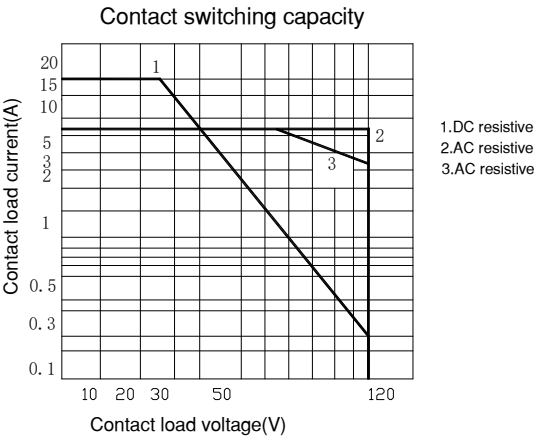
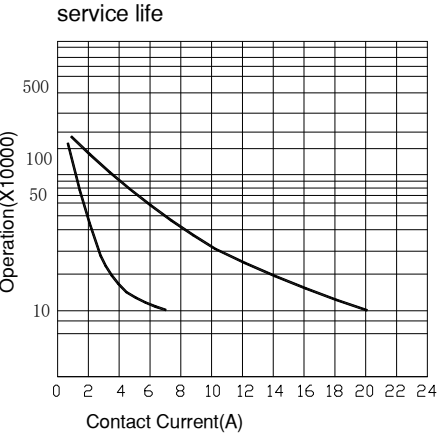
■ CHARACTERISTICS DATA 性能参数

Insulation Resistance绝缘阻值	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts触点间耐压	500VAC(for one minute)
Between Contacts and coil触点与线圈间耐压	500VAC(for one minute)
Operate Time吸合时间	10ms
Release Time释放时间	5ms
Temperature Range环境温度	-40℃to+85℃
Shock Resistance冲击	Operating Extremes动作极限: 10G
	Damage Limits破坏极限: 100G
Vibration Resistance振动	10-55Hz, 1.5mm
Max. switching frequency最大转换频率	Mechanical:18,000operations/hr
	Electrical:1,800operations/hr
Humidity湿度	35-85%
Weight重量	Approx 6g
Safety Standard安全标准	UL cUL

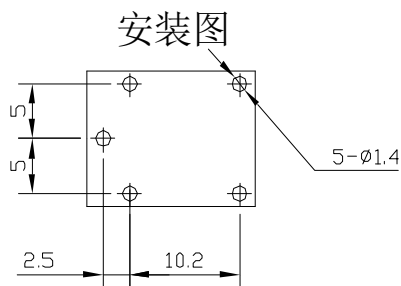
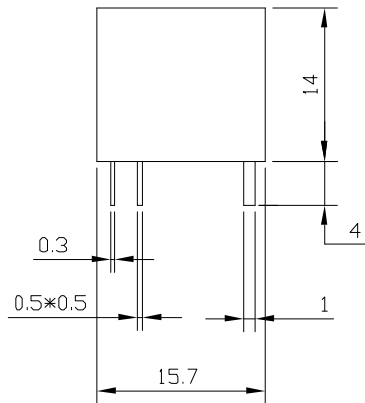
■ APPROVED STANDARDS 安全标准

Model(型号)	Coiling rating (线圈电压)	Safety Standard (安全标准)	Contact rating (触点负载)
HJR-78F	6 to 24VDC	UL/cUL	NO/NC:20A/12A 14VDC
			7A 120VAC

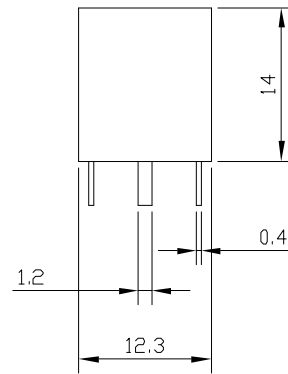
■ ENGINEERING DATA 设计参数



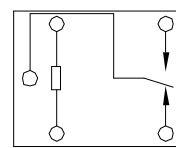
■ OVERALL AND MOUNTING DIMENSIONS 安装图



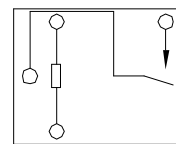
安装图



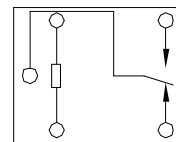
接线图



Form C



Form A



Form B

REMARK (备注):

- 1、产品部分外形尺寸中未注尺寸公差：当外形尺寸 $\leq 1\text{mm}$ 时，公差为 $\pm 0.2\text{mm}$ ；当外形尺寸在 $1\sim 5\text{mm}$ 时，公差为 $\pm 0.3\text{mm}$ ；当外形尺寸 $> 5\text{mm}$ 时，公差为 $\pm 0.4\text{mm}$ 。
- 2、安装孔尺寸中未注尺寸公差均为 $\pm 0.1\text{mm}$ 。

声明:

本产品规格书仅供客户使用时参考，如有更改，恕不另行通知。