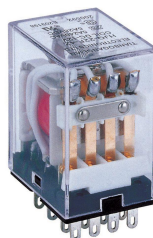


POWER RELAY 功率继电器

HJQ-22F-4

- 4 Form C Contact Arrangement 四组转换型触点
- Gold Flash Contact Available 镀金触点可供选择
- RoHS Compliant 符合 RoHS 标准



 E173485

 13002087257

CONTACT DATA 触点参数

Contact Arrangement 触点形式	4Z
Contact Material 触点材料	Silver Alloy 银合金
Load 负载	Resistive load 阻性负载 ($\cos\Phi=1$)
Contact Ratings 触点负载	5A 240VAC 5A 28VDC
Min. Contact Load 最小负载	100mA 5VDC
Max. Switching Voltage 最大切换电压	240VAC/28VDC
Max. Switching Current 最大切换电流	5A
Max. Switching Power 最大切换功率	1200VA/140W
Contact Resistance 接触电阻	$\leq 100m\Omega$ (6VDC 1A)
Electrical Endurance 电耐久性	1×10^5 OPS(at 6 OPS/min) 1×10^5 次(6次/分钟)
Mechanical Endurance 机械耐久性	1×10^7 OPS(at 300 OPS/min) 1×10^7 次(300次/分钟)

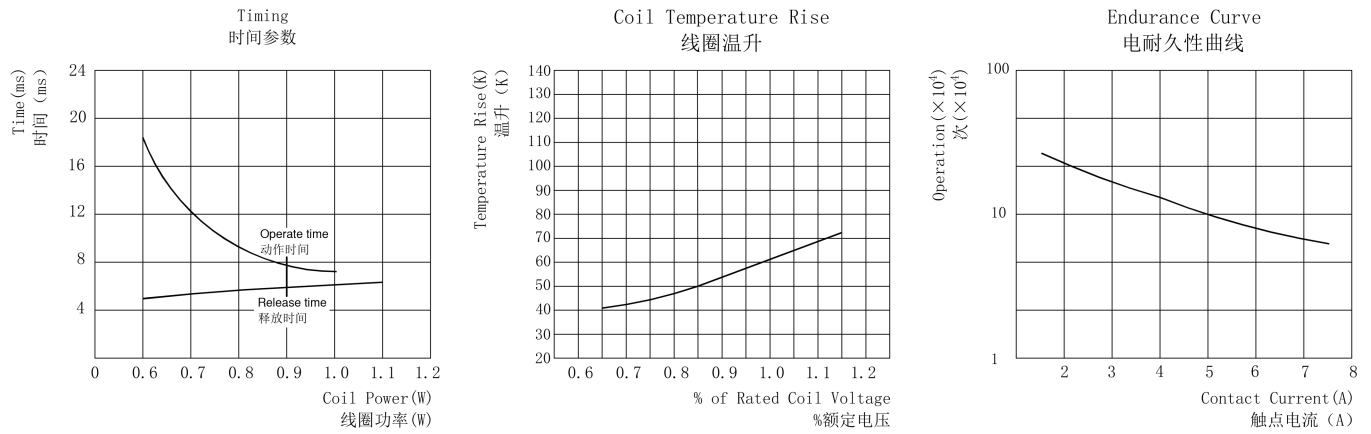
CHARACTERISTICS 性能参数

Insulation Resistance 绝缘电阻		100M Ω Min. at 500VDC
Dielectric Strength 介质耐压	Between Open Contacts 触点间	1000VAC (50/60Hz 1 min)
	Between Contacts and Coil 触点与线圈间	1500VAC (50/60Hz 1 min)
Operate Time 动作时间		≤25ms
Release Time 释放时间		≤25ms
Ambient Temperature 环境温度		-40℃ ~ +70℃
Shock Resistance 冲击		Functional 稳定性: 20G
		Destructive 强度: 100G
Vibration Resistance 振动		10~55Hz, 1.5mm DA 双振幅
Humidity 湿度		20~85%
Unit Weight 重量		Approx. 35g 约35克

COIL DATA 线圈参数 (at 23°C)

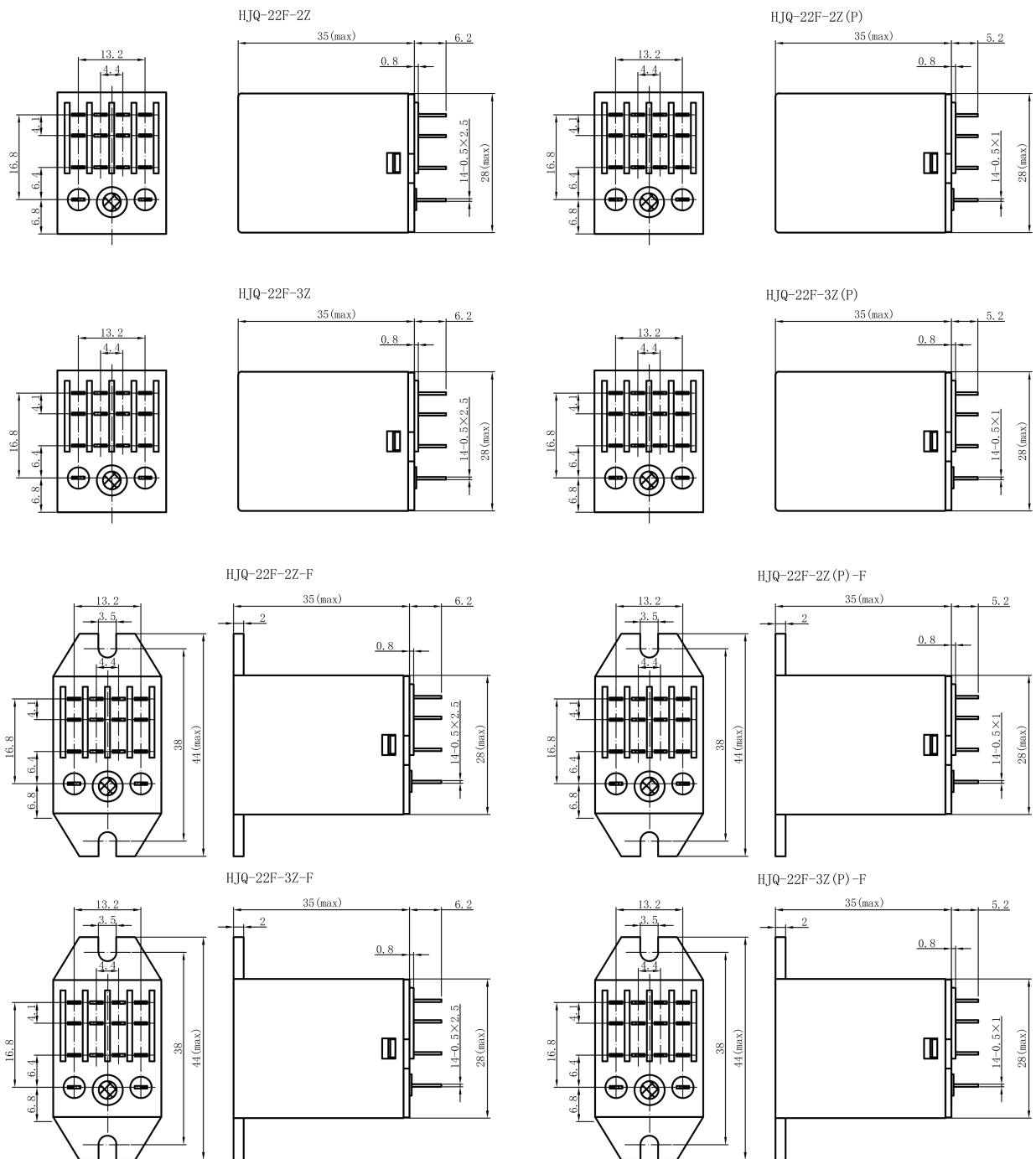
Rated Voltage 额定电压 (VDC)	5	6	12	24	48	110/120	220/240	0.9W
Coil Resistance 线圈电阻 (Ω)	28	40	160	640	2560	11000		
Rated Current 额定电流 (mA)	178.5	150	75	37.5	18.75	10		
Max. Operate Voltage 最大动作电压 (VDC)	3.75	4.5	9	18	36	82.5		
Min. Release Voltage 最小释放电压 (VDC)	0.5	0.6	1.2	2.4	4.8	11		
Max. Voltage 最大电压 (VDC)	5.5	6.6	9.9	26.4	52.8	132		

■ CHARACTERISTIC CURVES 性能曲线图



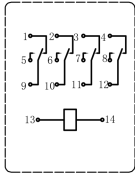
■ OVERALL AND MOUNTING DIMENSIONS 安装图

Outline Deminsions 外形图

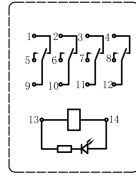


Wiring Diagram 接线图
(Bottom View 底部视图)

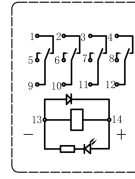
4 Form C
四组转换



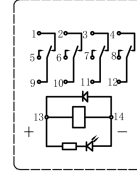
4 Form C (With LED)
四组转换(带LED)



4 Form C (With LED and Diode D1)
四组转换(带LED与续流二极管 D1)



4 Form C (With LED and Diode D2)
四组转换(带LED与续流二极管 D2)



备注:

- 1) 产品外形图的标注尺寸为沾锡前尺寸 (沾锡后会变大), 安装孔尺寸为推荐的 PCB 板孔的设计尺寸, 具体 PCB 板孔设计尺寸可根据产品实物进行测绘、调整;
- 2) 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 $\pm 0.4\text{mm}$ 。
- 3) 安装孔尺寸中未注尺寸公差均为 $\pm 0.1\text{mm}$ 。

Remark:

- 1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.
- 2) The additional tin top is max. 1mm.
- 3) The tolerance without indicating for PCB layout is always $\pm 0.1\text{mm}$.

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。

Disclaimer:

The specification is for reference only. Specification subject to change without notice.
