

25M 型小型密封磁保持继电器 (7146)

25M Small Sealed Magnetic Latching Relay (7146)

一、简介 Introduction

1. 符合 GJB65B-1999 《可靠性指标的电磁继电器总规范》。

According GJB65B-1999 《General specification for the reliability index of electromagnetic relays》.

2. 产品企业标准号 Q/RG20058-2003。

Number of enterprise product standard Q/RG20058-2003.

3. 该产品已列入军用电子元器件合格产品目录 (QPL)。

The product has been included in the military electronic components qualified product catalog (QPL)



二、环境条件 Environment Condition

项 目 Items		参 数 Data
温度范围 (℃) Temperature range		-65~125
相对湿度 Relative humidity		40℃时达 98%
低气压 (kPa) Low atmosphere		4.4
振动 Vibration	Hz	10~2000
	m/s ²	147
随机振动 Vibration resistance		20 (m/s ²) ² /Hz, 169.1m/s ²
冲击 (m/s ²) Shock resistance		490
稳态加速度 (m/s ²) Steady state accelerated speed		490
泄漏率(Pa · cm ³ /s) Leakage rate		≤1 × 10 ⁻³

三、技术特性 Technique Characteristics

触点形式 Contact form		2Z(二组转换) Two sets of conversion	动作或复归时间(ms) Operate and Reset time	≤2
接触电阻 (Ω) Contact resistance		≤0.05	脉冲宽度(ms) Pluse width	≥6
绝缘电阻 Insulation resistance (MΩ)	触点间 Between open contacts	≥1000	触点负载及寿命 The contact load and life	10~50 μ A, 10~50mV 2A, 28Vd.c. (阻性 Resistance) 1 × 10 ⁵ 次
	触点组间 Between contact groups	≥1000		
	触点线圈间 Between coil and contact	≥1000		
	其它 Others	≥1000		
介质耐电压 Dielectric withstanding (Vr.m.s.) (50 Hz)	触点间 Between open contacts	500	外形尺寸 (mm) Outline dimensions	21 × 11 × 24
	触点组间 Between contact groups	1000		
	触点线圈间 Between coil and contact	500	线圈功耗(W) Coil power	约 1.5

	其它 Others	1000	重量(g) Weight	≤21
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四、规格表 Specifications Table

Vd.c.

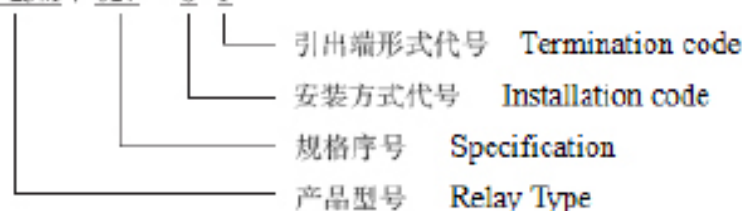
规格序号 Specification	线圈电压 Coil voltage		25℃		整个温度范围 The whole temperature range
	额定值 Nominal	最大值 Max	线圈电阻 Coil resistance (Ω)±10%	动作或复归电压 Operate and Reset voltage (max)	动作或复归电压 Operate and Reset voltage (max)
027	27	32	500	16	21.5

注：规格可根据用户要求增加；安装方式根据用户要求设计。

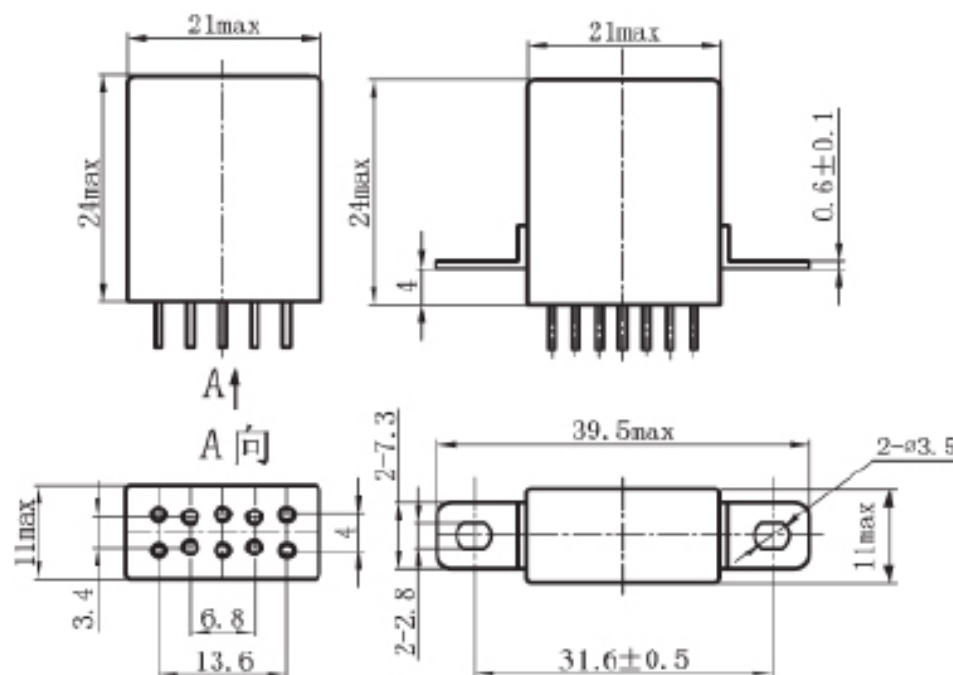
Note: The specifications can be increased according to user requirements; the installation can be designed according to customers requirements.

五、订货示例 Ordering information

JMX-25M / 027 - 0 1



六、外形图及底视电路图 Outline dimensions and bottom view wiring diagram

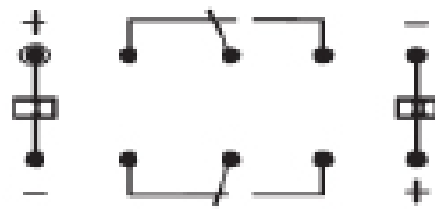


安装方式“0”

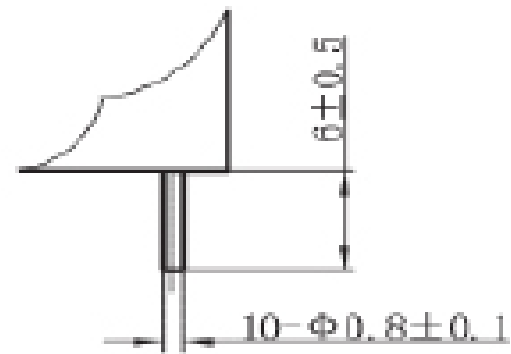
Installation method "0"

安装方式“1”

Installation method "1"



底视电路图
Bottom view circuit diagram



插针式“1”
引出端形式
Pin type "1"
Lead terminal form

未注公差 $\pm 0.3\text{mm}$
Unmarked tolerance $\pm 0.3\text{mm}$

“安装方式” meaning installation.

七、负载特性曲线（阻性） Load characteristic curve (Resistive load)

