

- 7A 触点切换能力
- 1.5KV 耐压 (触点线圈间)
- 适配多种插座
- 外形尺寸 L×W×H: 28×21.5×35mm
- 7A Switching capability
- 1.5KV Dielectric strength(between coil and contacts)
- Matching to various sockets
- Profile Dimension L×W×H: 28×21.5×35mm



MPM		-	2	12		D	-	C		1		D
产品型号 Model	触点组数 Number of Poles	线圈电压 Coil Voltage		线圈电源 Coil Power		触点形式 Contact Form		安装方式 Mounting termination		发光二极管 LED		
	2: 2 组 2-pole 3: 3 组 3-pole 4: 4 组 4-pole	直流 DC: 05, 06 12, 24, 48, 110V		A: 交流 AC D: 直流 DC		C: 转换 NO/NC		1: 插座式安装 Socket 2: 印制板式安装 PCB 3: 法兰盘安装 Flange-Mounting		D: 带发光二极管 无: 不带发光二极管 D: With LED Nil: Without LED		
		交流 AC: 06, 12 24, 48, 120 220/240V										

触点参数 CONTACT PARAMETERS

触点形式 Contact Form	2c,3c	4c
触点材料 Contact Material	银合金 Silver Alloy	
接触电阻 Contact Resistance(初始 Initial)	50mΩ (1A 6VDC)	100mΩ (1A 6VDC)
触点负载 (阻性) Contact rating(Res.load)	7A 250VAC/30VDC	5A 250VAC/30VDC
最大切换电流 Max.Switching Current	7A	5A
最大切换电压 Max.Switching Voltage	250VAC/30VDC	
最大切换功率 Max.Switching Power	1750VA/210W	1250VA/150W
电气寿命 Electrical Life	1×10 ⁵ 次 OPS	
机械寿命 Mechanical Life	1×10 ⁶ 次 OPS	

性能参数 CHARACTERISTICS

绝缘电阻 Insulation Resistance	1000MΩ (500VAC)	
介质耐压 Dielectric Strength	触点与线圈间 Between Coil & Contacts: 1500VAC 1min	
	断开触点间 Between Open Contacts: 1000VAC 1min	
	触点组间 Between Contact Groups:1500VAC 1min	
动作时间 Operate Time	≤ 25ms	
释放时间 Release Time	≤ 25ms	
环境温度 Ambient Temperature	-40℃ ~+70℃	
振 动 Vibration	10Hz~55Hz 1.5mm 双振幅 (DA)	
冲 击 Shock	功能性的 Functional	98m/s ² (10G)
	破坏性的 Destructive	980m/s ² (100G)
引出端形式 Termination	印制板式 PCB 插入式 Socket	
封装形式 Construction	防尘罩型 Dust protected	
重 量 Unit Weight	约 Approx. 37g	

线圈规格表 COIL DATA(23℃)

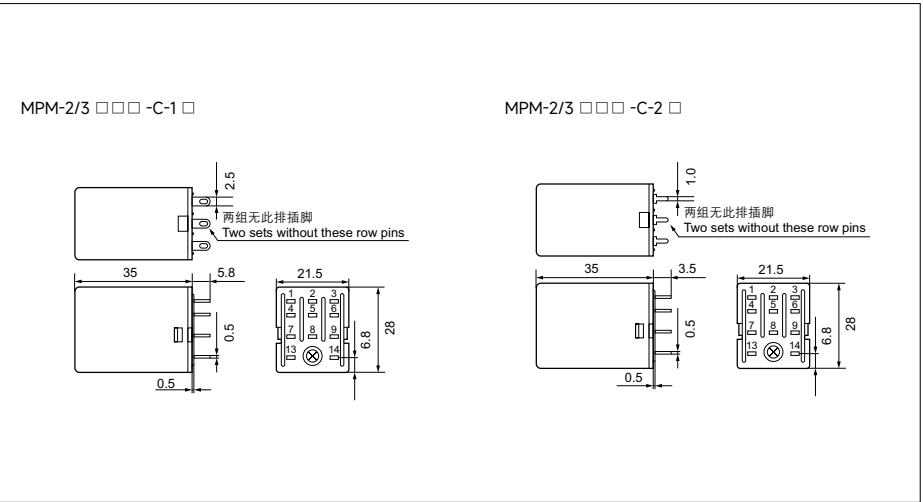
直流型 DC Type					
额定电压 Rated Voltage VDC	动作电压 Operate Voltage VDC	释放电压 Release Voltage VDC	最大容许电压 Max Allowable Voltage VDC	线圈电阻 Coil Resistance $\Omega \pm 10\%$	线圈功耗 Coil Power W
5	≤ 4.0	≥ 0.5	5.5	27.5	约 Approx. 0.9~1.1
6	≤ 4.8	≥ 0.6	6.6	40	
12	≤ 9.6	≥ 1.2	13.2	160	
24	≤ 19.2	≥ 2.4	26.4	650	
48	≤ 38.4	≥ 4.8	52.8	2600	
110	≤ 88	≥ 11	121	11000	

交流型 AC Type					
额定电压 Rated Voltage VAC	动作电压 Operate Voltage VAC	释放电压 Release Voltage VAC	最大容许电压 Max Allowable Voltage VAC	线圈电阻 Coil Resistance $\Omega \pm 10\%$	线圈功耗 Coil Power VA
6	≤ 4.8	≥ 1.8	6.6	11.5	约 Approx. 1.2~1.8
12	≤ 9.6	≥ 3.6	13.2	46	
24	≤ 19.2	≥ 7.2	26.4	184	
48	≤ 38.4	≥ 14.4	52.8	735	
120	≤ 96	≥ 36	132	4550	
220/240	≤ 176	≥ 72	264	14400	

工控应用
Industrial Control Applications

外形尺寸 PROFILE DIMENSION

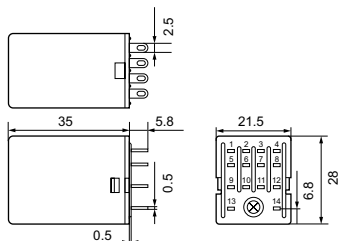
单位 Unit: mm



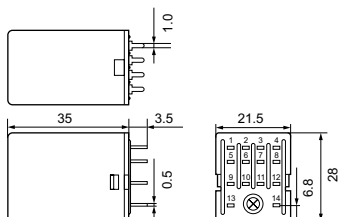
外形尺寸 PROFILE DIMENSION

单位 Unit: mm

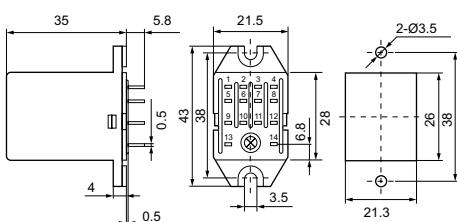
MPM-4 □□□-C-1 □



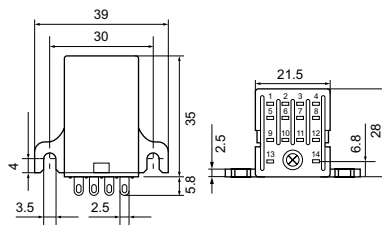
MPM-4 □□□-C-2 □



MPM-4 □□□-C-31 □



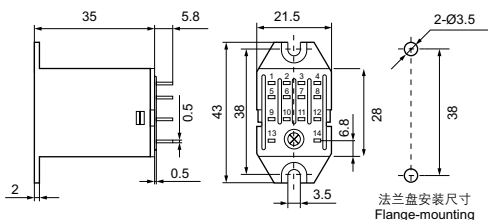
MPM-4 □□□-C-32 □



法兰盘安装尺寸
Flange-mounting

法兰盘安装尺寸
Flange-mounting

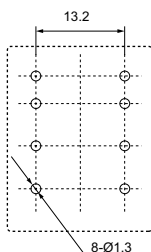
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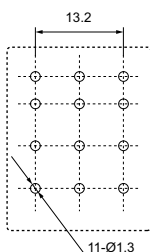
法兰盘安装尺寸
Flange-mounting

安装孔尺寸 (底视图) PCB LAYOUT (BOTTOM VIEW)

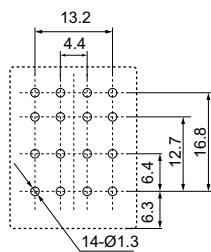
单位 Unit: mm



2C



3C

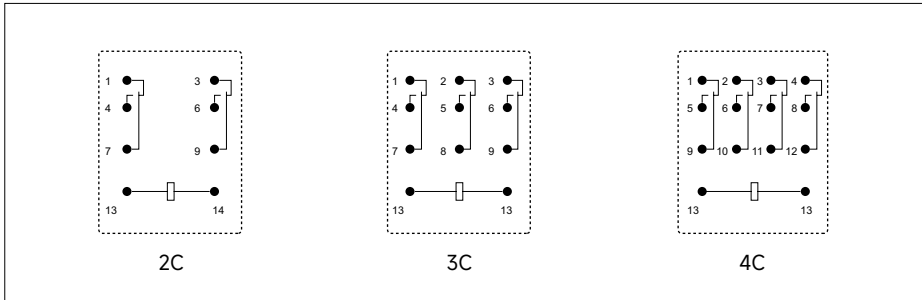


4C

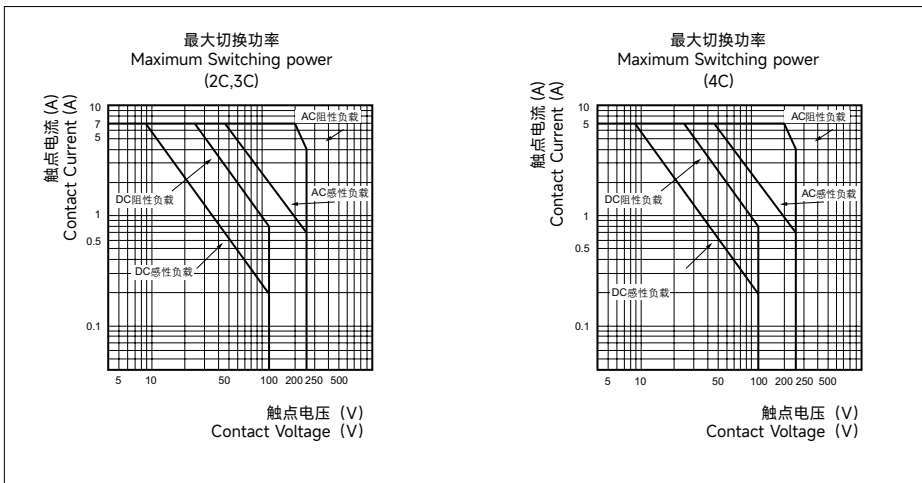
备注 Notes:

- 1) 产品部分外形尺寸未注尺寸公差，当外形尺寸 $\leq 1\text{mm}$ ，公差为 $\pm 0.2\text{mm}$ ；当外形尺寸在 $1\sim 5\text{mm}$ 之间时，公差为 $\pm 0.3\text{mm}$ ；当外形尺寸 $> 5\text{mm}$ 时，公差为 $\pm 0.4\text{mm}$ 。
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) 安装孔尺寸中未注尺寸公差的均为 $\pm 0.1\text{mm}$ 。
The tolerance without indicating for PCB layout is always $\pm 0.1\text{mm}$.

接线图 (底视图) WIRING DIAGRAM (BOTTOM VIEW)



性能曲线图 PERFORMANCE CURVE



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继电器综合样本

RELAYS COMPONENTS



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