	<p>特 性 FEATURES</p> <table border="0"> <tr> <td>40A 触点切换能力</td> <td>40A Switching capability</td> </tr> <tr> <td>触点与线圈间耐压 3.5KV</td> <td>3.5KV Dielectric strength (Between coil and contacts)</td> </tr> <tr> <td>敞开型、塑封型和防尘罩型可供选择</td> <td>Open type、sealed and dust protected available</td> </tr> <tr> <td>F 级线圈绝缘等级</td> <td>Class F insulation available</td> </tr> <tr> <td>外形尺寸 31.8×27.1×19.4mm</td> <td>Outline dimensions 31.8×27.1×19.4mm</td> </tr> </table>	40A 触点切换能力	40A Switching capability	触点与线圈间耐压 3.5KV	3.5KV Dielectric strength (Between coil and contacts)	敞开型、塑封型和防尘罩型可供选择	Open type、sealed and dust protected available	F 级线圈绝缘等级	Class F insulation available	外形尺寸 31.8×27.1×19.4mm	Outline dimensions 31.8×27.1×19.4mm
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F 级线圈绝缘等级	Class F insulation available										
外形尺寸 31.8×27.1×19.4mm	Outline dimensions 31.8×27.1×19.4mm										

触点参数 CONTACT PARAMETERS

触点形式 Contact Arrangement	1A、1B、1C
触点材料 Contact Material	银合金 Silver Alloy
接触电阻 Contact Resistance(初始 Initial)	≤50mΩ (1A 6VDC)
额定负载 Rated Load	NO: 30A 250VAC/30VDC(阻性 Resistive) 40A 250VAC NC: 20A 250VAC/30VDC(阻性 Resistive)
最大切换电流 Max. Switching Current	NO/ NC: 40A/20A
最大切换电压 Max. Switching Voltage	240VAC/30VDC
最大切换功率 Max. Switching Power	10000VA/900W
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 (500VDC)
介质耐压 Dielectric Strength	触点与线圈间 Bet ween Coil & Contacts: 3500VAC 1min
	断开触点间 Between Open Contacts: 1500VAC 1min
动作时间 Operate Time	≤15ms
释放时间 Release Time	≤10ms
环境温度 Ambient Temperature	-40°C~+105°C
振动 Vibration Resistance	10Hz~55Hz 1.5mm 双振幅(DA)
冲击 Shock Resistance	稳定性 Functional: 98m/s ² (10G)
	强度 Destructive: 980m/s ² (100G)
引出端方式 Terminal Form	印制板式 PCB
封装形式 Construction	敞开型, 塑封型, 防尘罩型 Unenclosed, Sealed, Dust Protected
重量 Unit Weight	约 Approx. 36g

线圈规格表 COIL DATA (23°C)

额定电压 Rated Voltage VDC	动作电压 Operate Voltage VDC	释放电压 Release Voltage VDC	最大允许电压 Max Allowable Voltage VDC	线圈电阻 Coil Resistance $\Omega \pm 10\%$	线圈功耗 Coil Power W
5	≤ 3.75	≥ 0.25	7.5	28	约 Approx. 0.9
6	≤ 4.5	≥ 0.3	9	40	
9	≤ 6.75	≥ 0.45	13.5	90	
12	≤ 9.0	≥ 0.6	18	160	
18	≤ 13.5	≥ 0.9	27	360	
24	≤ 18	≥ 1.2	36	640	
48	≤ 36	≥ 2.4	72	2560	
110	≤ 82.5	≥ 5.5	165	13444	
5	≤ 3.75	≥ 0.25	5.5	11	约 Approx. 2.25
6	≤ 4.5	≥ 0.3	6.6	16	
9	≤ 6.75	≥ 0.45	9.9	36	
12	≤ 9.0	≥ 0.6	13.2	64	
18	≤ 13.5	≥ 0.9	19.8	144	
24	≤ 18	≥ 1.2	26.4	256	
48	≤ 36	≥ 2.4	52.8	1024	
110	≤ 82.5	≥ 5.5	121	5377	

安全认证 Approvals	UL	TUV	CQC
证书编号 Certificate Number	E358149	R50184977	CQC10002051838
负载 Rating	1A:30A 240VAC/10A30VDC 1B:20A 240VAC/30VDC 1C(NO):30A240VAC/10A30VDC 1C(NC):20A 240VAC/30VDC	A:30A 240VAC/30VDC C:NO20A 240VAC/30VDC NC 10A 240VAC/30VDC	NO:30A240VAC/10A30VDC 40A 250VAC 30A 250VAC NC:20A 240VAC/30VDC 30A 250VAC 20A 250VAC

订货标记示例 ORDERING INFORMATION

	MPQ1	-S	-1	12	D	-C	-6
产品型号 Model	MPQ1						
产品结构 Structure	S: 塑封型 Sealed 无 Nil: 防尘罩型 Dust cover type						
触点组数 Contact Group	1: 1组 1 Group						
线圈电压 Coil Voltage	5、6、9、12、18、24、48、110 VDC						
线圈电源 Coil Power	D: 直流 DC						
触点形式 Contact Arrangement	A: 常开 NO B: 常闭 NC C: 转换 NO/NC						
引出端形式 Termination	6: 有 6 号引出脚 (With #6 Terminal) 无 Nil: 没有 6 号引出脚(Without #6 Terminal)						

外形尺寸、接线图、安装孔尺寸 OUTLINE DIMENSIONS, WIRING DIAGRAM AND PCB LAYOUT LAYOUT(单位 Unit: mm)

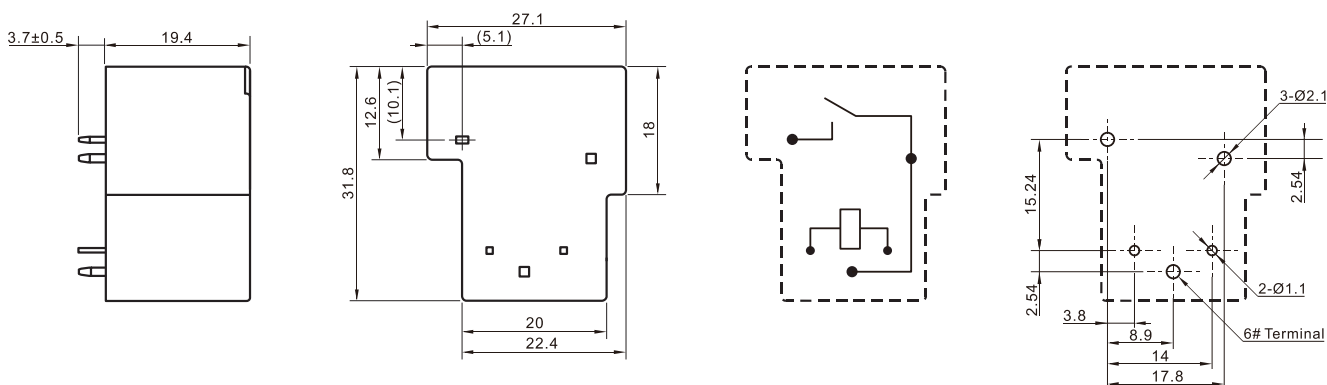
外形尺寸 Outline Dimensions

接线图 WIRING DIAGRAM

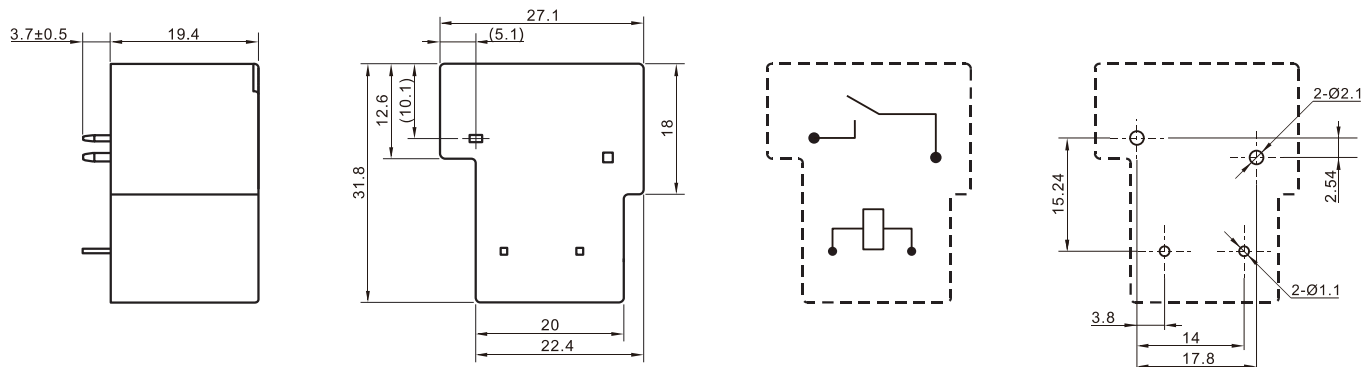
安装孔尺寸 PCB Layout

一组常开 (1 From A)

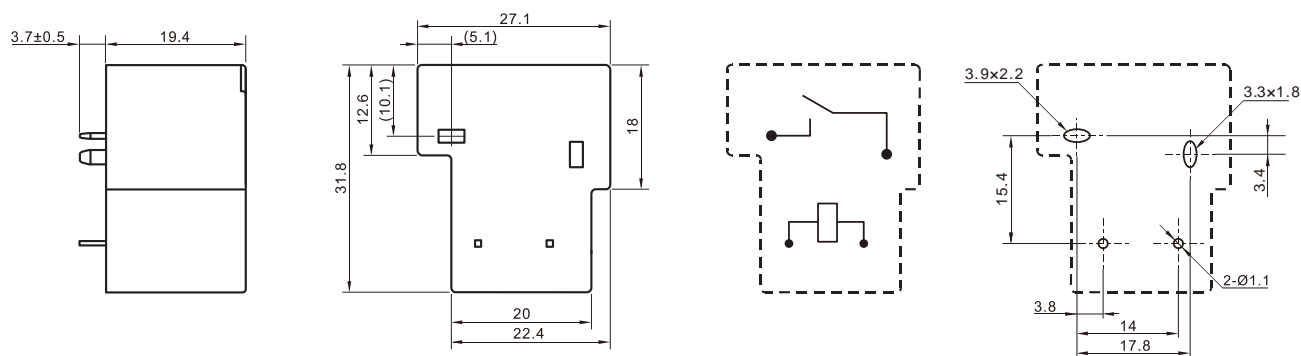
包含 6 号引出脚 With #6 Terminal



不包含 6 号引出脚 Without #6 Terminal

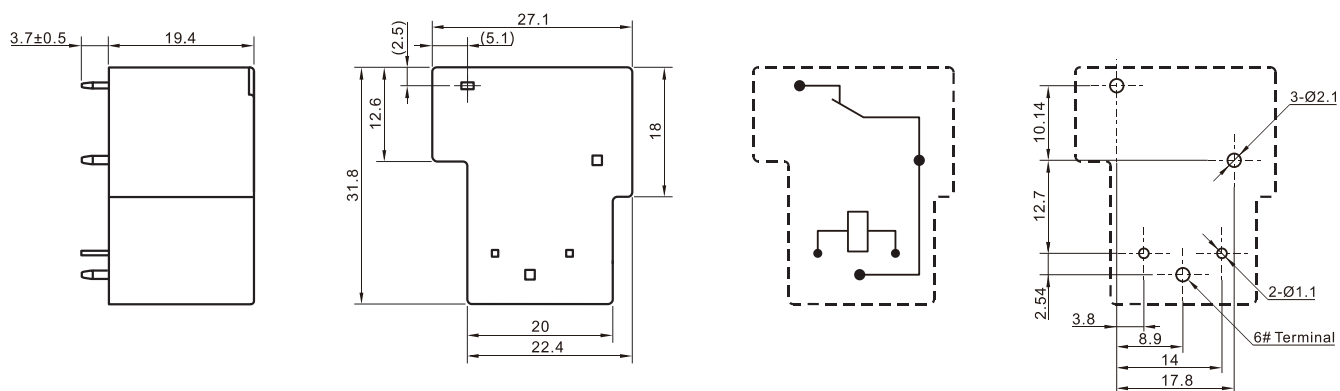


不包含 6 号引出脚 40A 2.25W Without #6 Terminal 40A 2.25W

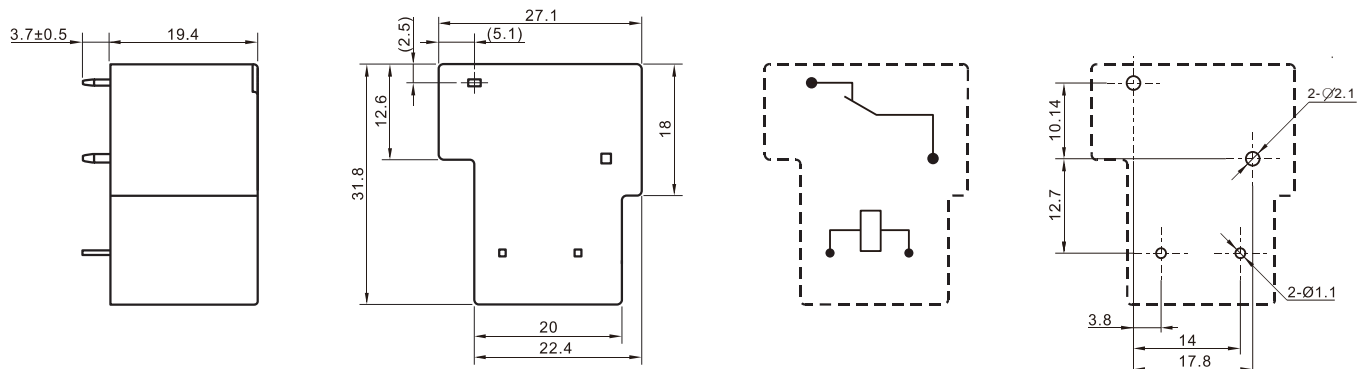


一组常闭 (1 From B)

包含 6 号引出脚 With #6 Terminal

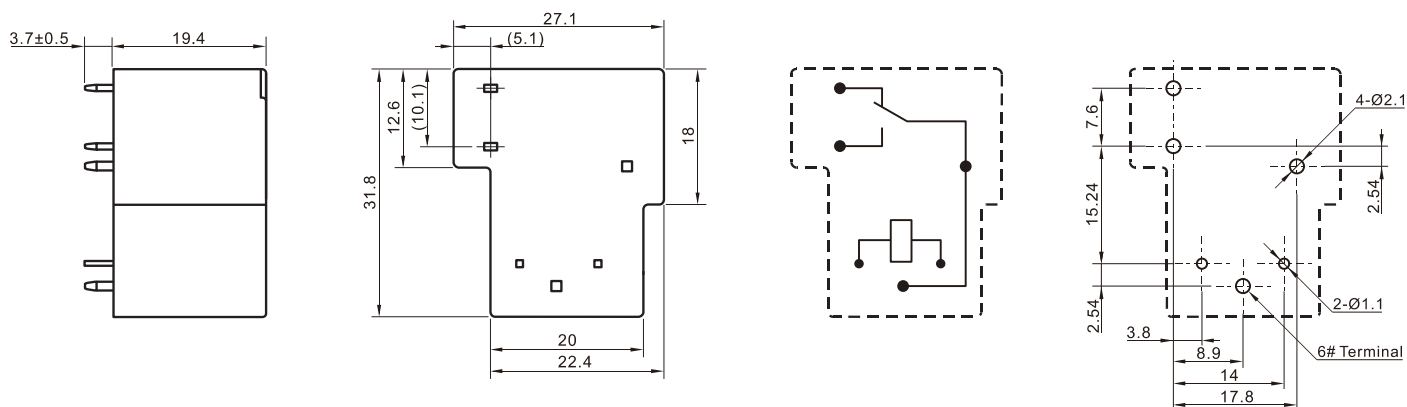


不包含 6 号引出脚 Without #6 Terminal

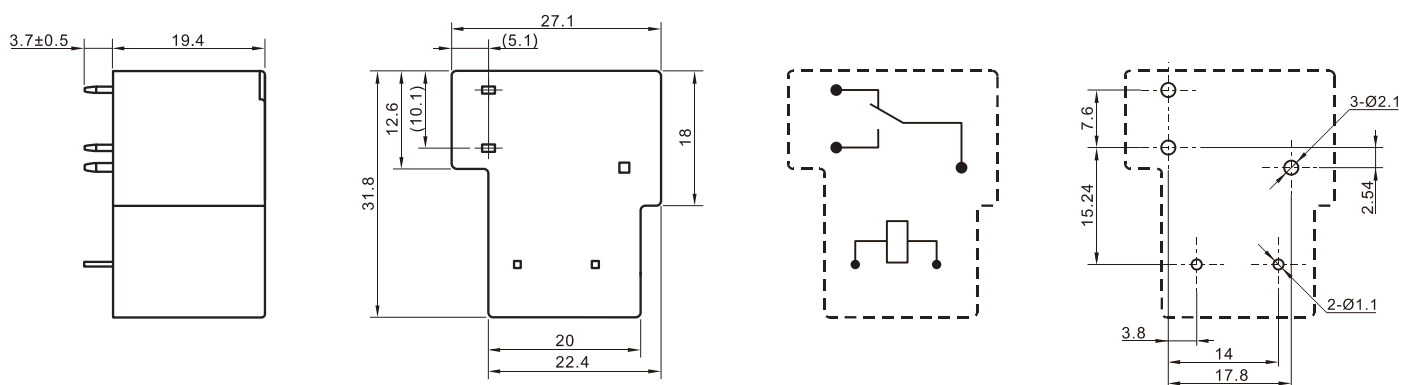


一组转换 (1 From C)

包含 6 号引出脚 With #6 Terminal

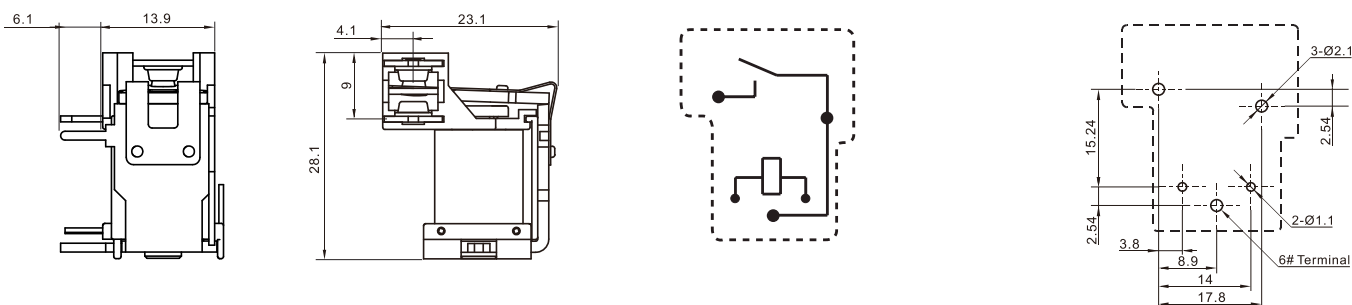


不包含 6 号引出脚 Without #6 Terminal

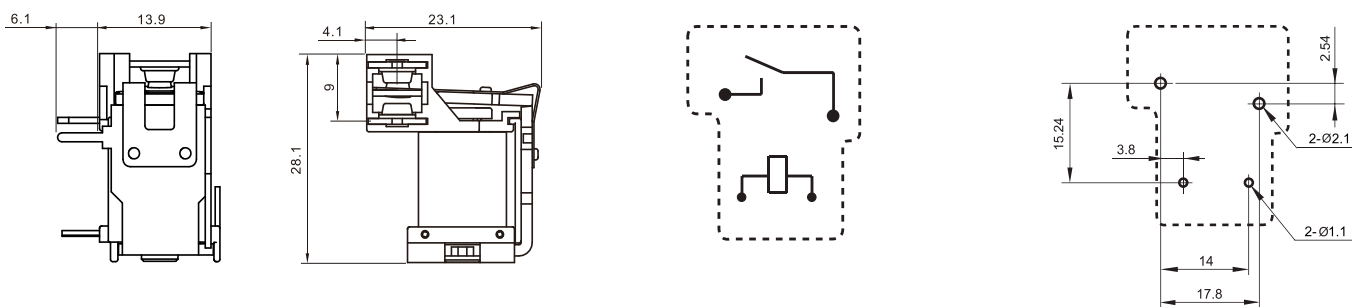


敞开型一组常开 (1 From A Unenclosed)

包含 6 号引出脚 With #6 Terminal

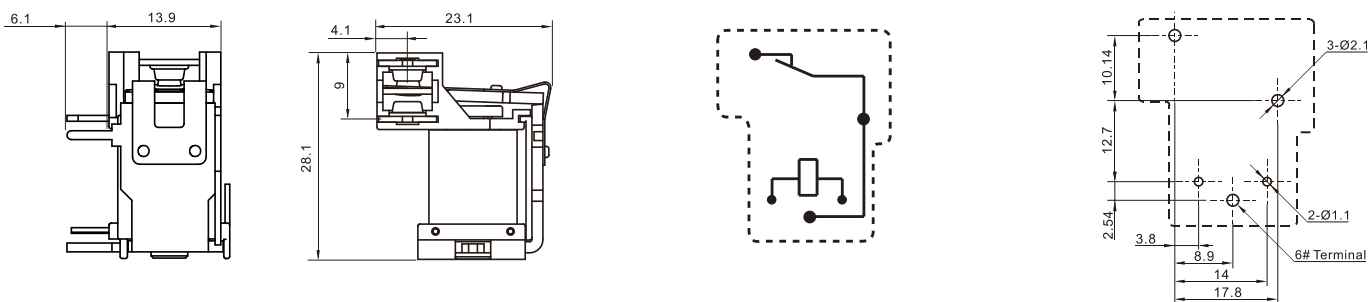


不包含 6 号引出脚 Without #6 Terminal

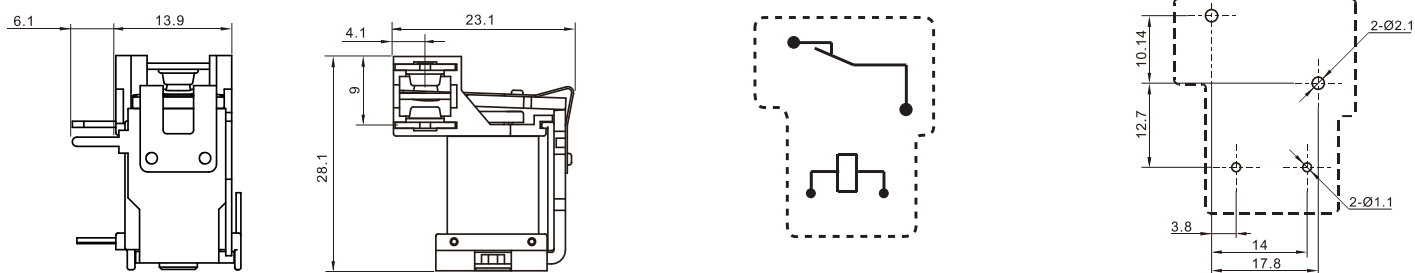


敞开型一组常闭 (1 From B Unenclosed)

包含 6 号引出脚 With #6 Terminal

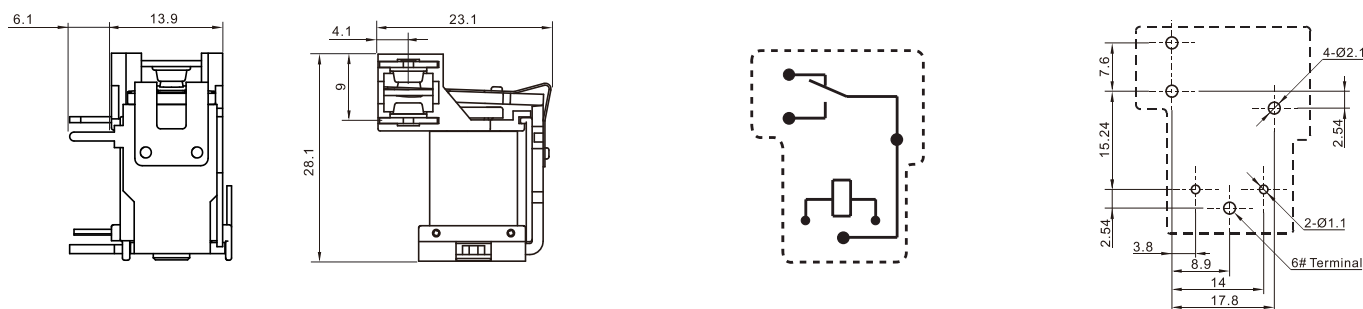


不包含 6 号引出脚 Without #6 Terminal

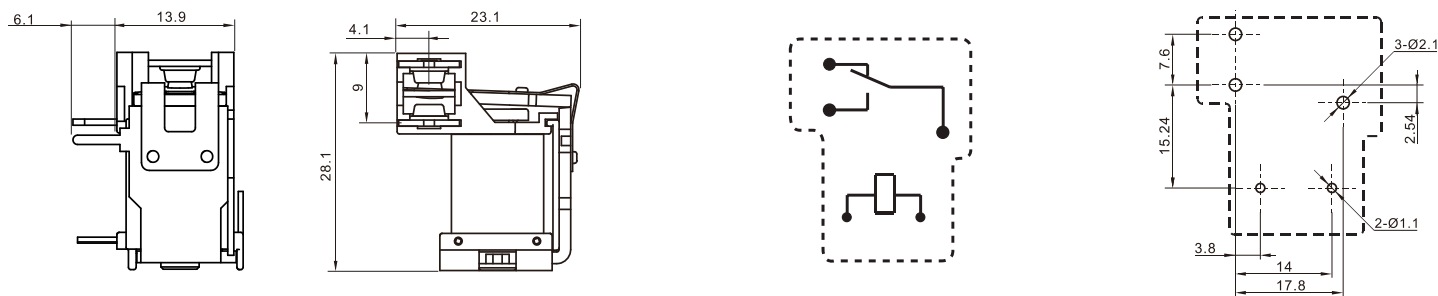


敞开型一组转换 (1 From C Unenclosed)

包含 6 号引出脚 With #6 Terminal



含 6 号引出脚 Without #6 Terminal



备注: (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 $\pm 0.4\text{mm}$;

(2) 安装孔尺寸中未注尺寸公差的均为 $\pm 0.1\text{mm}$ 。

REMARK:

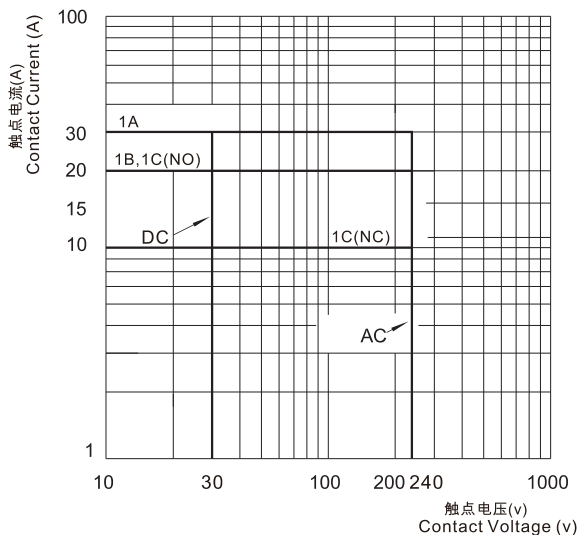
- 1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$;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



性能曲线图 PERFORMANCE CURVE

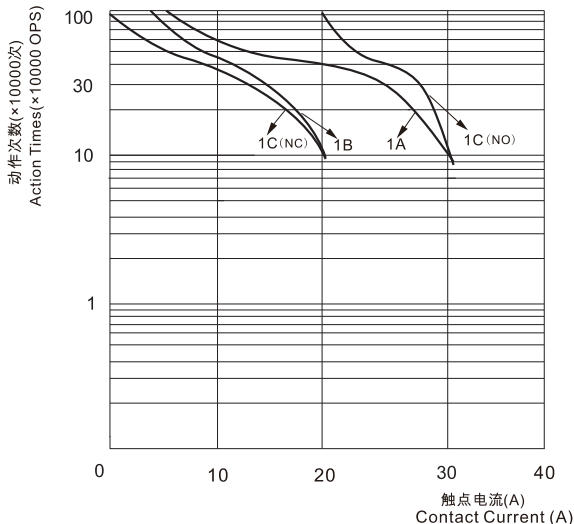
最大切换功率

Maximum Switching Power



电耐久性曲线

Electrical Endurance Curve



声明:

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