

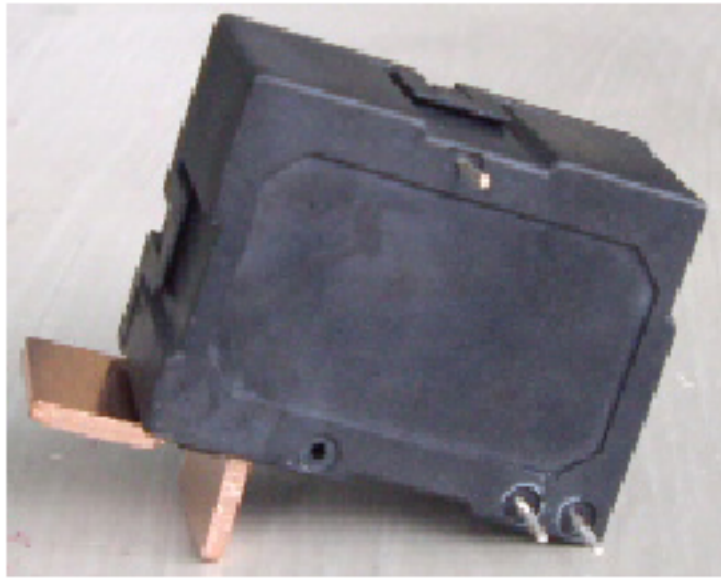


磁保持继电器

Magnetic Latching Relay

型号

RL709C-100A



- 磁保持继电器
- 体积小, 100A触点切换能力;
- 线圈功耗小、温升极底;
- 触点接触电阻小, 电接触稳定性能好;
- 抗冲击、抗振动能力强;
- 外形尺寸: (40.0x30.0x22.0) mm;
- 可根据客户要求焊接分流器和连接铜线;

触点参数 CONTACT DATA

触点形式	contact form	1A/1B
触点材料	contact material	Silver Alloy
接触电阻	contact resistance	Max.: 2 mΩ
触点负载	contact Rating(Res.load)	100A 250VAC
最大转换功率		25000VA
	Max. Switching Power	
机械寿命	Mechanical life	1×10 ⁶
电气寿命	Electrical life	5×10 ³

性能 CHARACTERISTICS

绝缘电阻	Insulation Resistance	1000MΩ (500 VDC)
介质耐压	触点与线圈间	2500VAC 1 min.
	Between Coil & Contacts	
Dielectric strength	断开触点间	1500VAC 1 min
	Between Open Contacts	
闭合时间	Operate Time	20msec. Max.
断开时间	Release Time	20msec. Max.
冲击	稳定性 Functional	100m/S ² (10g)
	强度 Destructive	1000m/S ² (100g)
振动	Vibration resistance	10~55Hz 1.5mm
湿度	Humidity	98%RH, 40℃
温度范围	Ambient temperature	-40~+70℃
引出端方式	Termination	PCB
重量	Unit weight	约60g
封装形式	Constrution	防尘罩 Dust protected

线圈 COIL

线圈功耗	单线圈: 2.0W 双线圈: 4.0W
coil power	single coil:2.0W double coil:4.0W

线圈参数 COIL DATA

额定电压VDC	动作电压VDC	脉冲宽度ms	线圈电阻Ω
Nominal Voltage	Pick-up voltage	Pulse Duration	Coil Resistance
单线圈			
9	6.75	50	40.5±10%
12	9	50	72±10%
24	18	50	288±10%
48	36	50	1152±10%
双线圈			
9	6.75	50	2x20±10%
12	9	50	2x36±10%
24	18	50	2x144±10%
48	36	50	2x576±10%

备注: 如需其它额定电压, 可特殊定货。

Note: When requiring other nominal voltage, special order allowed.

典型应用 TYPICAL APPLICATION

1) 主要用于IC卡预付费电表, 集中抄表系统;

Prepayment Energy Meters/Water Meters/Gas Meters

2) 也用于复合开关、家电和自动控制装置。

Electrial switching system, Telecommunication, Auto Controlling

ORDERING INFORMATION

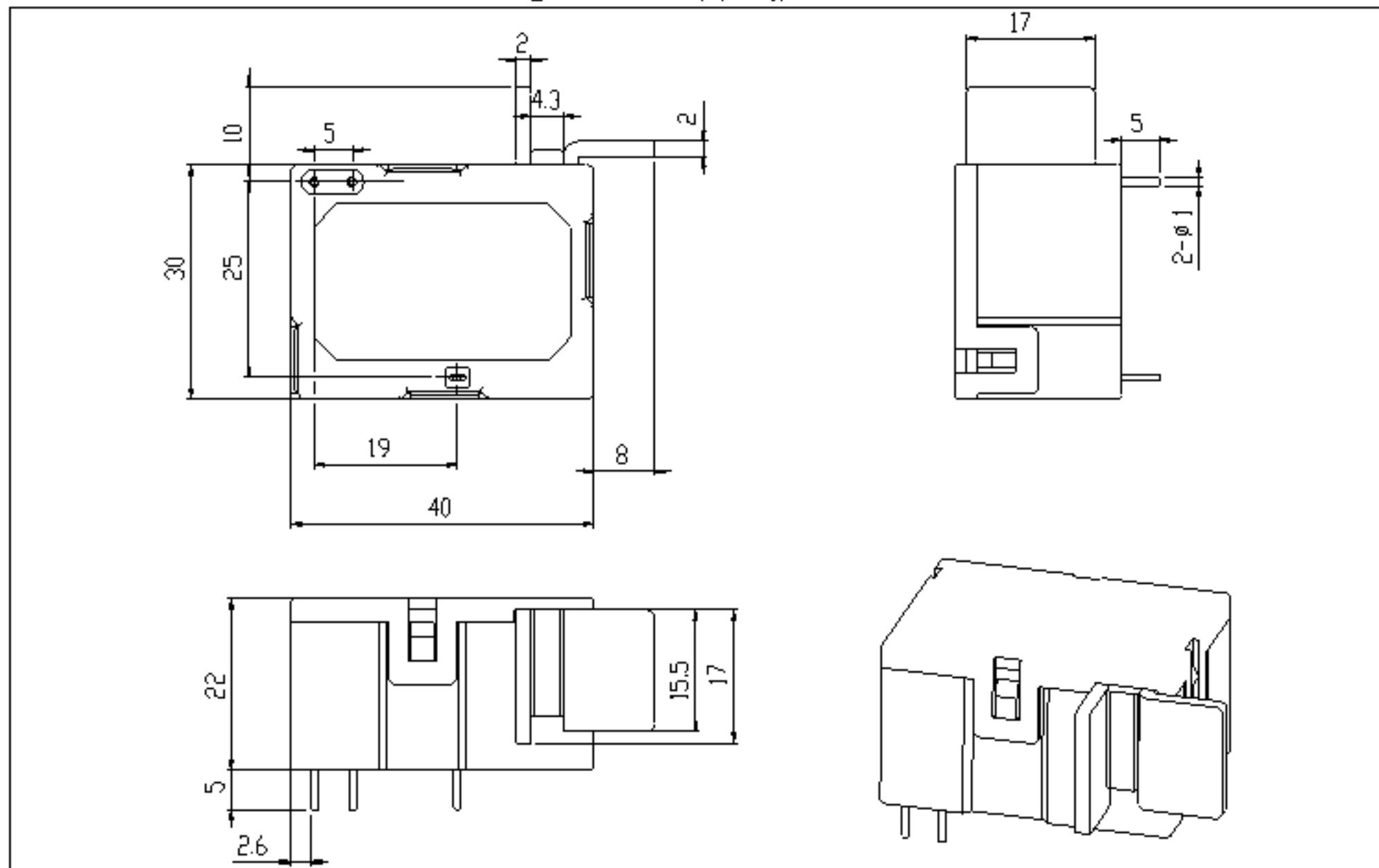
RL 709C-100A 12 - S

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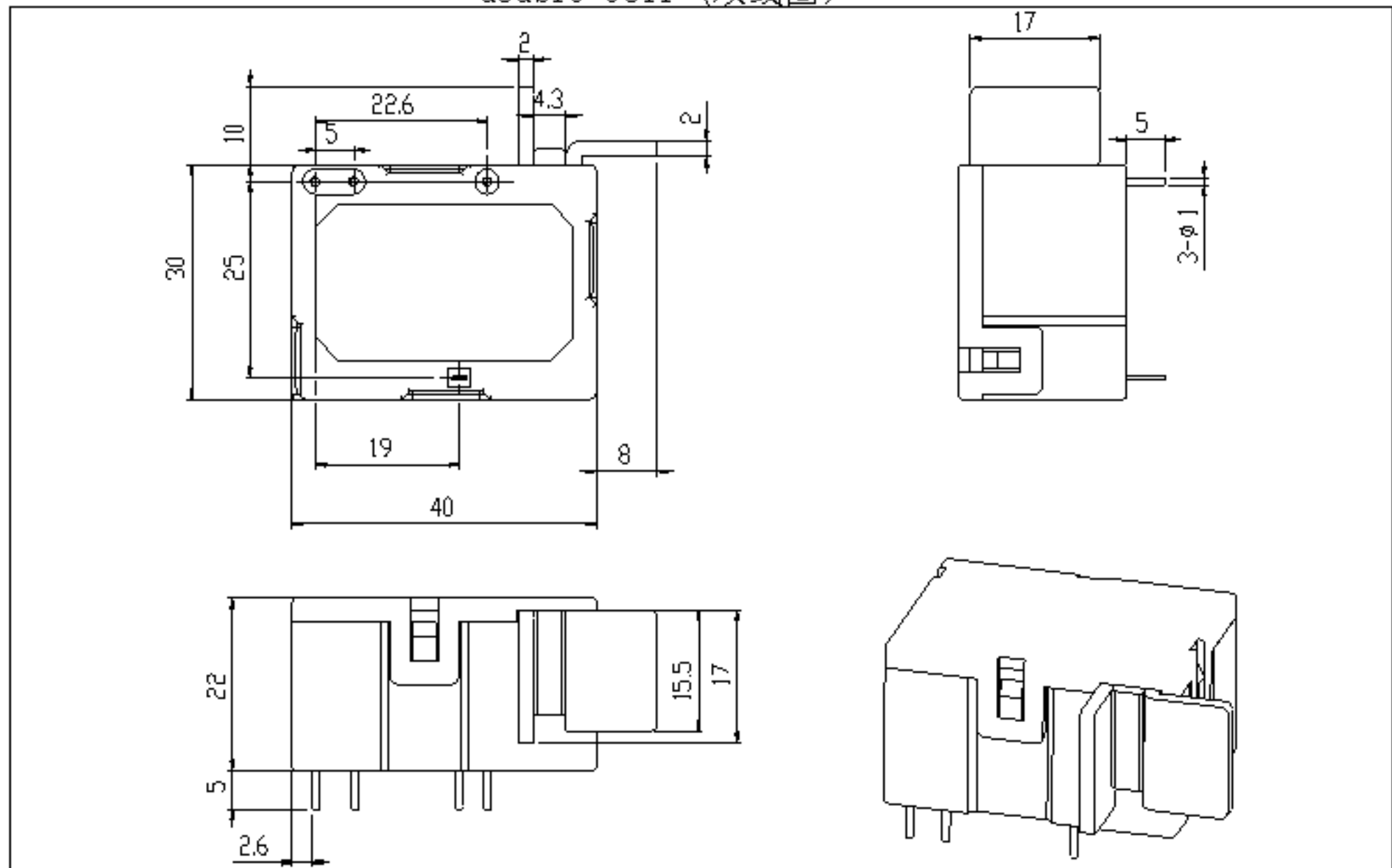
① 公司代号	Company Code
② 产品型号	Product Type
③ 线圈电压	Coil Voltage
④ D表示双线圈，S表示单线圈	D= Double Coil; S= Single Coil

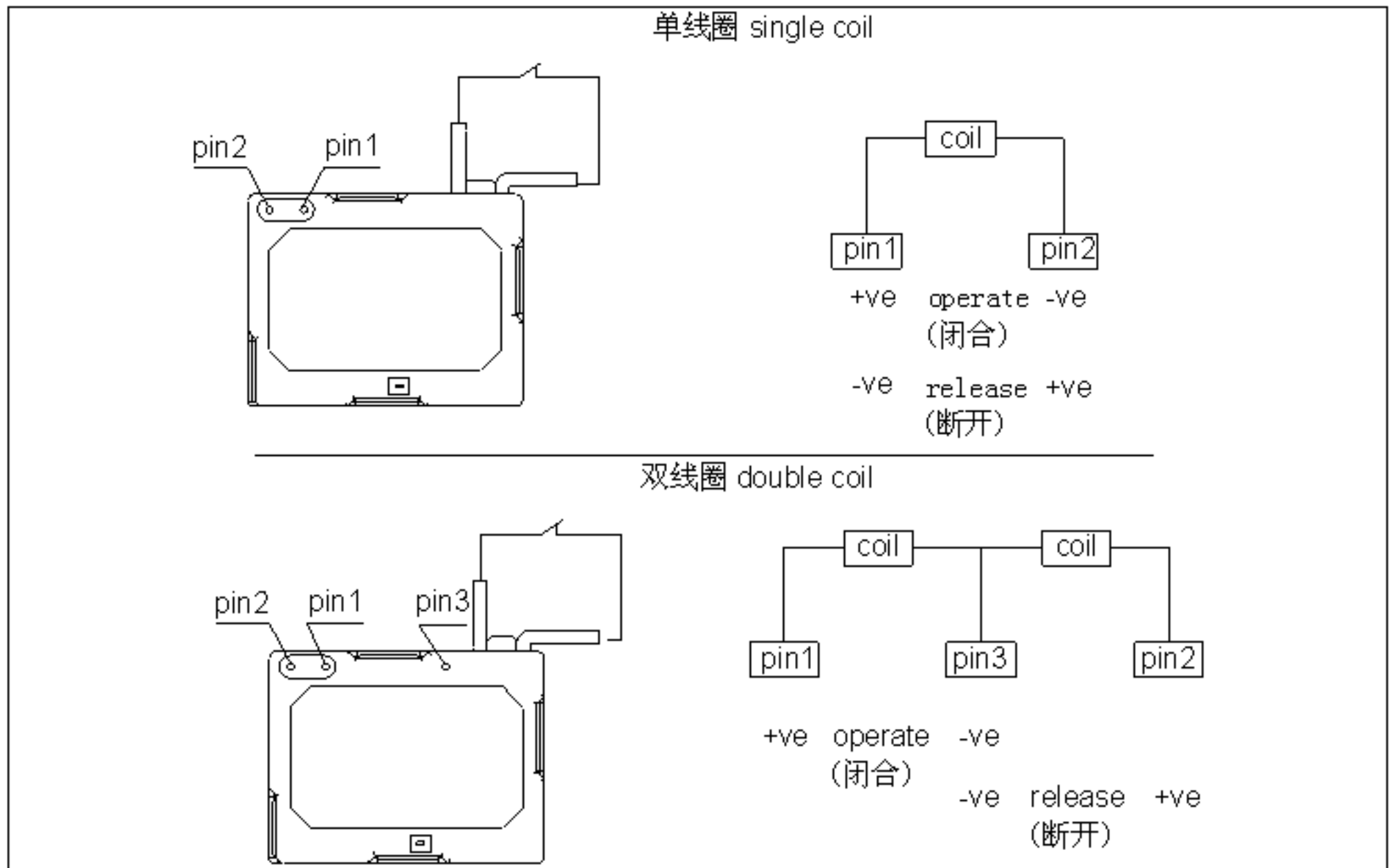
DIMENSIONS (尺寸图) Unit: mm

single coil (单线圈)



double coil (双线圈)





Typical shunt connection ways 典型锰铜焊接方式

