

Automotive Relay Series汽车继电器系列 -- BAN

FEATURES特点

- Up to 40A contact switching capability
高达40A触点切换能力
- 1 Form A、1 Form B and1 Form C configurations
具有一组常开、一组常闭、一组转换
- Low consumption and high availability
低功耗高性能
- Overall dimensions (25. 5X21. 0X21. 5) mm.
外形尺寸 (25. 5X21. 0X21. 5) mm。



CONTACT PARAMETERS触点参数

Relay Type 产品型号	BAN		
Contact Form触点形式	A-1组常开	B-1组常闭	C-1组转换
Rating Load (Resistive) 额定负载 (阻性)	40A 14VDC		
Max. Switching Current最大切换电流	40A		
Max.Switching Voltage最大切换电压	30VDC		
Max.Switching Power最大切换功率	1200W		

CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金		
Contact Resistance接触电阻	100mΩ Max		
Operate Time吸合时间	10ms. Max		
Release Time释放时间	10ms. Max		
Insulation Resistance绝缘电阻	100MΩ Min.(DC500V)		
Initial Dielectric Strength介质耐压	between open contacts: 触点与触点间:	AC550V,50/60Hz 1Min	
	between contacts and coil: 触点与线圈间:	AC550V,50/60Hz 1Min	
Vibration Resistance抗振动	Damage limits: 耐久:	10～55Hz Double Amplitude双振幅1.5mm	
	Malfunction: 误动作:	10～55Hz Double Amplitude双振幅1.5mm	
Shock Resistance抗冲击	Damage limits: 耐久:	100G Min	
	Malfunction: 误动作:	10G Min	
Life寿命	Mechanical Life (10800 per hour) 机械寿命（每小时10800次）	1×10 ⁷	
	Electrical Life (600 per hour) 电气寿命（每小时600次）	1×10 ⁵	
Ambient Temperature环境温度	-40℃～+125℃（No condensation）（不冷凝）		
Unit Weight单位重量	敞开式：约16.0g；密封式：约20.5g		

COIL RATINGS (at23°C) 线圈参数 (在23°C)

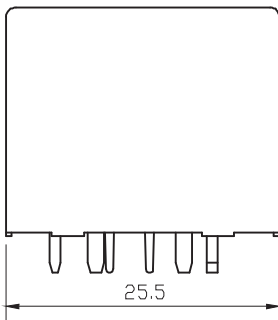
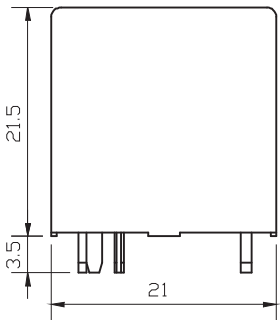
额定电压 (VDC)	额定电流 ± 10% (mA)	线圈电阻 ± 10% (Ω)	最大连续 外加电压	吸合电压 (Max.)	释放电压 (Min.)	额定功率
5	320.00	15.6	额定电压的 150 %	额定电压的 58 %	额定电压的 10 %	约1.60W
6	266.67	22.5				
9	180.00	50				
12	133.33	90				
18	89.11	202				
36	44.44	810				
24	66.67	360				
48	33.33	1,440				

ORDERING INFORMATION订货标记

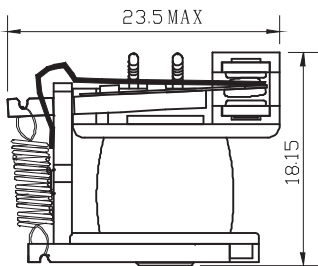
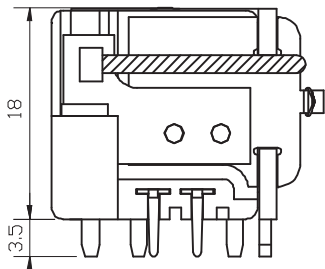
BAN - S - 1 12 D M E (XXX)							
1	2	3	4	5	6	7	8
1.Model Number基本型号 BAN				5.Coil Power: D - 1.6W 线圈功耗: D - 1.6W ,			
2.Encapsulation form: S -Plastic Sealed Nil - Open type 封装形式: S -塑封型 无 - 敞开型				6.Contact form: M -1Form A, Nil-1Form C 触点形式: M -1组常开 无-1组转换			
3.Number of Pole: 1 : Single pole 开关型式: 1 - 一组开关				7.Induces foot position: E - Europe Type U - USA Type 引出脚形式: E—欧规引脚 U—美规引脚			
4.Coil Voltage线圈规格 (VDC): DC05V, DC06V, DC09V, DC12V, DC18V , DC24V, DC36V , DC48V				8.Customer Special Code :XXX- Customer Special Requirements No - Standard Type H - 60A/14VDC PIN=6.3mm 客户特性号: XXX-客户特殊要求, 无-标准型			

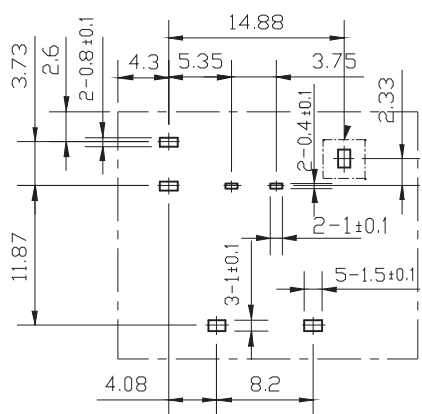
OUTLINE DIMENSIONS (UNIT:mm)外形尺寸 (单位: mm)

塑封型



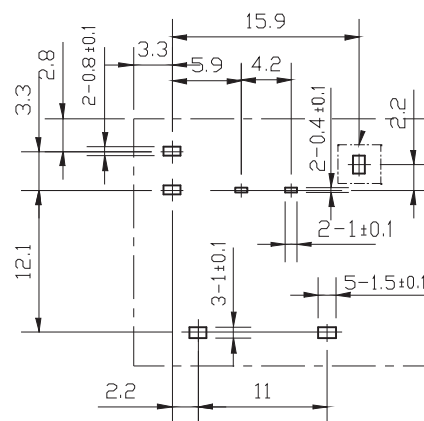
敞开型



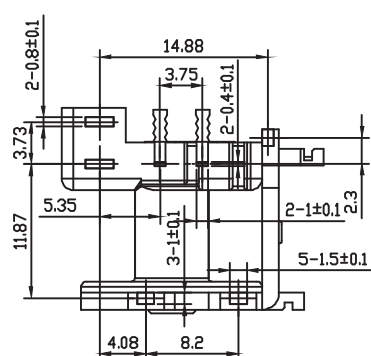


BAN-U

底视图

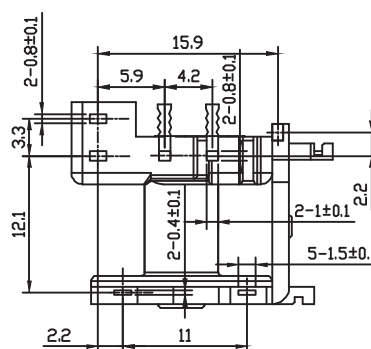


BAN-E

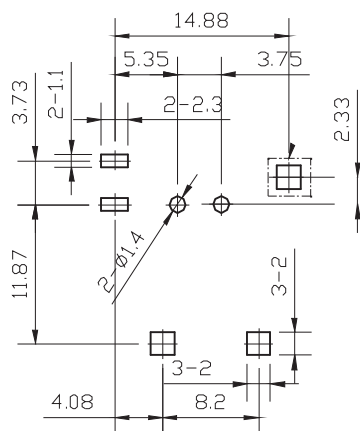


BAN-U

底视图

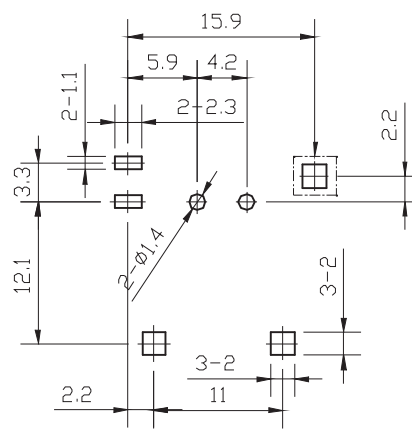


BAN-E

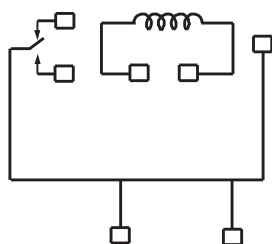


BAN-U

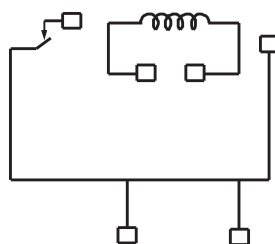
安装孔位图(底视图)



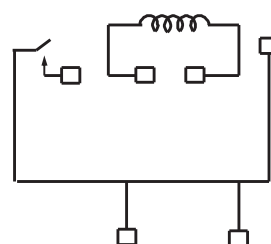
BAN-E



1c



1b



1a

接线图(底视图)

未标注尺寸公差:

< 1mm: $\pm 0.2\text{mm}$

1~5mm: $\pm 0.3\text{mm}$

> 5mm: $\pm 0.4\text{mm}$

注: 1、引出脚尺寸为预焊前尺寸

2、安装孔尺寸公差: $\pm 0.1\text{mm}$