

小型中功率继电器

Miniature Intermediate Power Relay

1A/3A/5A

特性 / FEATURES

- 体积小PCB焊接
Miniature volume, PCB terminal
- 1A/3A/5A多种负载选择
Contact rating: 1A/3A/5A
- 具有两组常开、两组转换触点形式
2 From A and 2 From C configurations



RoHS
Compliant

订购信息 / ORDERING INFORMATION

SRE-12VDC-S L-2C



触点参数 / CONTACT PARAMETERS

触点形式	Contact arrangement	2A, 2C
接触电阻	Contact resistance	≤100mΩ (1A 6VDC)
触点材质	Contact material	银合金/Silver alloy: AgSnO ₂ In ₂ O ₃ , AgSnO ₂ , AgNi
触点负载(阻性)	Contact rating(Res. load)	1A 125VAC, 3A 125VAC, 5A 125VAC
最大切换电压	Max switching voltage	250VAC
最大切换电流	Max switching current	5A
最大切换功率	Max switching power	625VA
电耐久性 (频率:每小时360次)	Electrical endurance (Frequency:360 ops/h)	1x10 ⁶ ops / 1x10 ⁴ ops
机械耐久性 (频率:每小时18000次)	Mechanical endurance (Frequency:18000 ops/h)	1x10 ⁷ ops

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特性参数 / CHARACTERISTICS PARAMETERS

绝缘等级	Insulation level	B	
绝缘电阻	Insulation resistance	50MQ(500VDC)	
介质耐压 (漏电流 1mA)	Dielectric strength (Leakage current 1mA)	线圈与触点间 Between coil and contacts	1000VAC 1min
		断开触点间 Between open contacts	750VAC 1min
吸合时间(额定电压下)	Operate time(at nominal voltage)	≤10ms	
释放时间(额定电压下)	Release time (without diode) (at nominal voltage)	≤10ms	
湿度	Humidity	5% ~ 85% RH	
环境温度(℃)	Ambient temperature	-40℃ ~ +85℃/+105℃	
抗冲击	Shock resistance	稳定性/Functional	98m/s²
		强度/Destructive	980m/s²
抗振动(双振幅)	Vibration resistance (Double amplitude)	10Hz~55Hz 1.5mm	
重量	Weight	约/Approx 12g	
封装形式	Construction	密封/Sealed 防焊剂/Flux proofed	

备注: 以上数据均为初始值
Remark: All above data is initial value

线圈参数 / COIL PARAMETERS

常温/At (23°C)

功耗(W)	Power consumption(W)	0.45W(L)						0.80W(D)					
额定电压(VDC)	Nominal voltage(VDC)	05	06	09	12	18	24	05	06	09	12	18	24
线圈电阻(Ω±10%)	Coil resistance(Ω±10%)	55.5	80	180	320	720	1280	31.2	45	101.2	180	405	720
吸合电压(Max)	Pick-up voltage(Max)	75% 额定电压(Nominal voltage)						80% 额定电压(Nominal voltage)					
释放电压(Min)	Drop-out voltage(Min)	5% 额定电压(Nominal voltage)						10% 额定电压(Nominal voltage)					
允许最大电压(VDC)	Max allowable overdrive voltage(VDC)	130% 额定电压(Nominal voltage)											

安全认证(相关认证以第三方认证证书为准) / SAFETY APPROVAL RATINGS



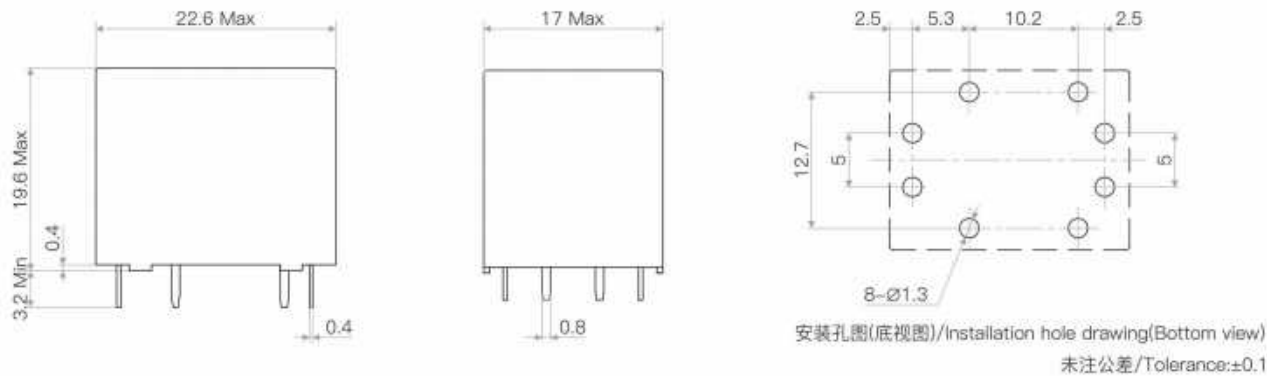


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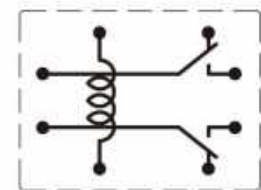
5A 125VAC

外形图 / OUTLINE DIMENSIONS

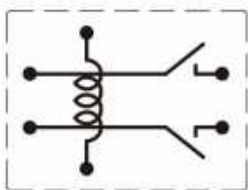
单位/Unit(mm)



线路图(底视图) / WIRING DIAGRAM (BOTTOM VIEW)



2转换2C型/Conversion 2C type



2常开2A型/Normally open 2A type