

REED RELAYS

PART NUMBER 产品型号

SIP - XX XX XX

Producers Name 系列名称
Contact Form 触点形式

Options 选项
Nominal Voltage 额定电压

Picture	Part Number	Schematic Contact Form (Bottom View)	Nominal Voltage (VDC)	Coil Resistance (ohms±10%)	Nominal Input Power (mW)	Must Release Voltage (VDC)	Must Operate Voltage (VDC)	Maximun Voltage (VCD)
		1Form A						
	SIP-1A05		5	500	50	3.75	0.6	15.0
	SIP-1A12		12	1000	144	8.60	1.5	30.0
	SIP-1A24		24	2000	288	17.50	2.5	40.0

Options:

Nil: Std Type

B: Diode

S: Magnetic Shield

BS: Diode and Magnetic Shield

Features:

- Epoxy molded, single-in-line package.
- Can be immersed during board cleaning operations
- Hing density board mounting.
- Hing isolation between input and output
- Diode and Magnetic shield are available.
- Standard nominal coil voltage=5,12 and 24 volts.
- Can be meet special requirments for coil voltage and/or coil resistance.

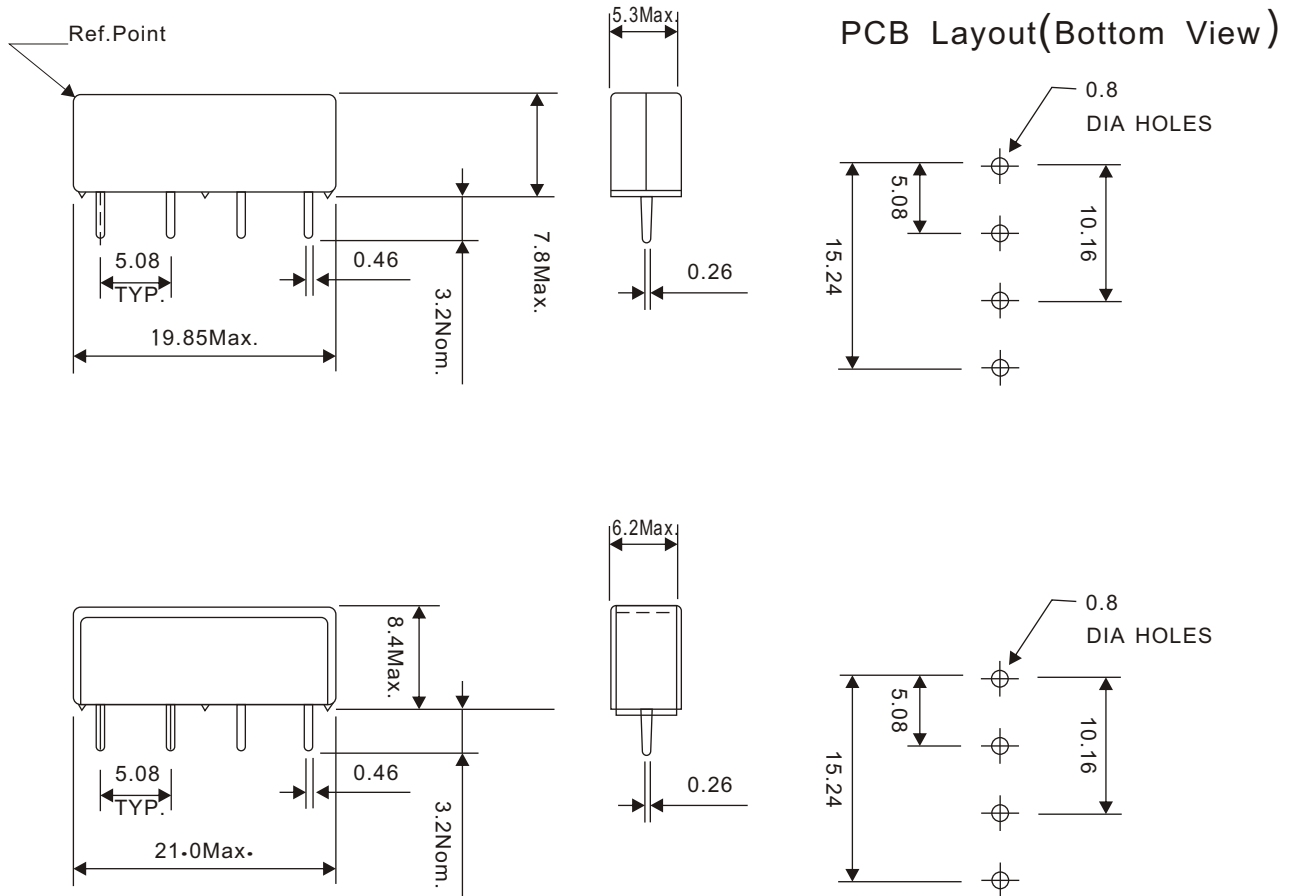
REED RELAYS

Single-In-Line Packages

Contact Form	触点形式	1A
Contact Rating	触点额定值	
Maximum switching power	最大切换功率	10VA (W)
Maximum switching voltage	最大切换电压	100VDC or peak AC
Maximum switching current	最大切换电流	0.50A
Maximum carry current	最大载流	1.00A
Contact Resistance(Lnitial)	接触电阻	150 milliohms Max.
Life Expectancy	寿命	
Signal level load (Ref,12VDC,10mA)		200X10 ⁶ Operations
Timing(at nominal VDC, 10HZ drive,50% duty cycle with diode suppression)		
Operate time,maximum (including Bounce)	动作时间	0.5ms
Release time,maximum	释放时间	0.5ms
Breakdown Voltage	击穿电压	
Coil to contact	线圈与触点之间	1400VDC(1000Vrms)
Across contact	触点间	250VDC(175Vrms)
Insulation Resistance	绝缘电阻	10 ⁶ OHMS
Capacitance		
Across open contacts	开触点间	1.0 pf Max.
Open contact to coil	开触点与线圈间	2.0 pf Max.
Environmental		
Temperature	温度	
Total internal relay (storage)		-40°C to+105°C
Operating		-40°C to+85°C
Shock resistance		100g,11±1ms,1/2 Sin Wave
Vibration resistance		20g,10 to 2000HZ

Mechanical Dimensions:

All dimensions are measured in millimeters



Ordering information:

SIP 1A 05 B

Contact Form	Nominal coil voltage	Options
1A:1FromA	05:5V	Nil:Std Type
1B:1FromB	12:12V	B:Diode
	24:24V	S:Magnetic Shield
		BS:Diode and Magnetic Shield