

# 4PIN 5V Relay SIP-1A05 Reed Switch Relay



**Produktkode:** 188

**Tilgjengelighet:** 4

**Custom Field 5 (Location):** AA16

**Pris:** kr. 25,00

## Short Description

4PIN 5V Relay SIP-1A05 Reed Switch Relay For PAN CHANG RelayLDUKH\*wk

## Beskrivelse

Description:

Name Dry Reed Relay

Model SIP-1A05

Voltage DC 5V

Current 1A

DC resistance 450~550ohm

Contact Open style

Body Size 1.9 x 0.7 x 0.5cm/0.75" x 0.28" x 0.2"(L\*W\*T)

Pin Number 4

Net Weight 3g

Package Included:

5 x 5V Relay SIP-1A05 Reed Switch Relay for PAN CHANG Relay 4PIN New

Parameter	Min	Nom	Max	Unit
Switching Voltage			100	Volts
Switching current			0.5	Amps
Carry current			1	Amps
Switching frequency			500	Hz
Contact resistance			150	mΩ

(See detailed specifications for more information.)

## SPECIFICATIONS

### Dry Reed Relay Specifications

All parameters at 20°C unless otherwise stated.

Operate voltage, release voltage, and coil resistance will vary by approximately 0.4%/°C as ambient temperature varies.

PARAMETER	CONDITIONS	MIN	Nom	MAX	UNITS
<b>Contact Ratings</b>					
Switching Voltage (开关电压)	Max DC/PeakAC Resistive	-	-	100	Volts
Switching Current (开关电流)	Max DC/PeakAC Resistive	-	-	0.5	Amps
Carry Current (负载电流)	Max DC/PeakAC Resistive	-	-	1	Amps
Contact Rating (额定容量)	Max DC/PeakAC Resistive	-	-	10	Watts
Life Expectancy (寿命)	Signal Level 12V 10mA Rated Loads	-	200	-	x10 <sup>6</sup> Ops
Static Contact Resistance (动态电阻)	50mV,10mA	-	120	150	mΩ
		-	-	-	-
<b>Relay Specifications</b>					
Insulation Resistance (绝缘电阻)	Between all isolated pins At 100V,20°C,40%RH	10 <sup>10</sup>		-	Ω
Capacitance (电容量)	Across Open Contacts	-	-	1	pF
Open Contact to Coil (耐压)		-	-	2	pF
Dielectric Strength	Between Contacts	250	-	-	VDC/Peak AC
	Contacts to Coil	1400	-	-	VDC/Peak AC
Operate Time (动作时间)	At Nominal Coil Voltage	-	0.3	0.5	ms
Including bounce	10Hz Square Wave				
Release Time		-	0.3	0.5	-
<b>Environmental Ratings (环境温度)</b>					
Storage Temperature	T	-40	-	+105	°C
Operating Temperature	T	-40	-	+85	°C
Soldering Temperature	Applied to pins,10 sec.max.	-	-	+260	°C
Vibration Resistance (振动)	20g,10Hz-2000Hz	-	-	20	Gs
(Survival)					
Shock Resistance (冲击)	100g,11+/-ms,1/2 Sine Wave	-	-	-	-
(Survival)					
Weight		-	1.6	-	grams

## Pinout

# SIP-1A05 REED RELAY

## COIL SPECIFICATIONS

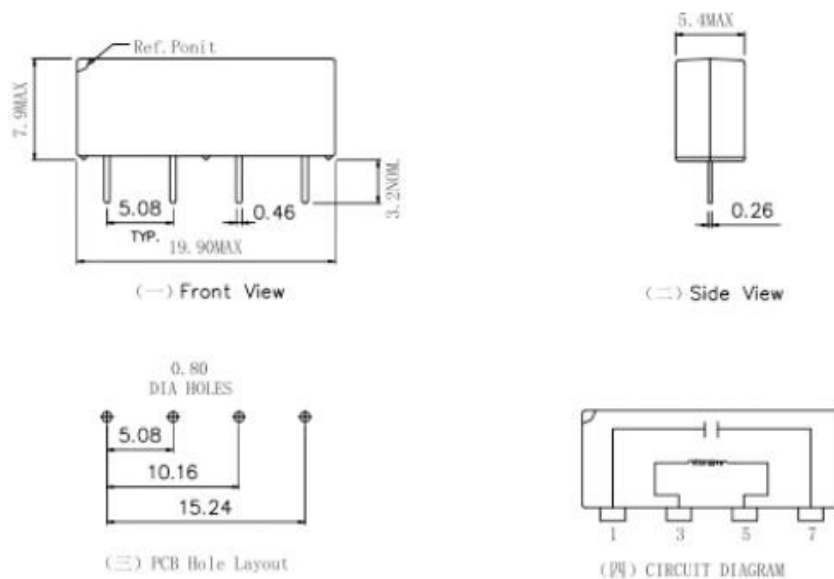
Contact F	Coil Voltage			Coil Resistance			Operate Voltage			Release Voltage			Min Input Power		
	Volts						Volts			Volts			Mw		
				10% (20 °C)			Must operate by (20 °C)			Must release by (20 °C)					
	Min	Nom	Max	Min	Nom	Max	Min	Nom	Max	Min	Nom	Max	Min	Nom	Max
1-Form-A		5	15	450	500	550			3.75	0.6				50	

## MECHANICAL DIMENSIONS

Mechanical Dimensions:

All dimensions are measured in millimeters

SIP Form A



## Product Gallery



**SIP-1A05 REED RELAY**

**COIL SPECIFICATIONS**

Parameter	Coil Voltage (Vdc)			Coil Resistance (Ω)			Operate Voltage (Vdc)			Release Voltage (Vdc)			Contact Input Power (W)
	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	
Voltage	5	15	40	200	200	200	Must operate by CR (C)	Must release by CR (C)					

**MECHANICAL DIMENSIONS**

Mechanical Dimensions:  
 All dimensions are measured in millimeters.  
 SIP form 1

