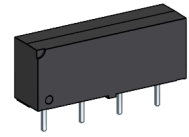


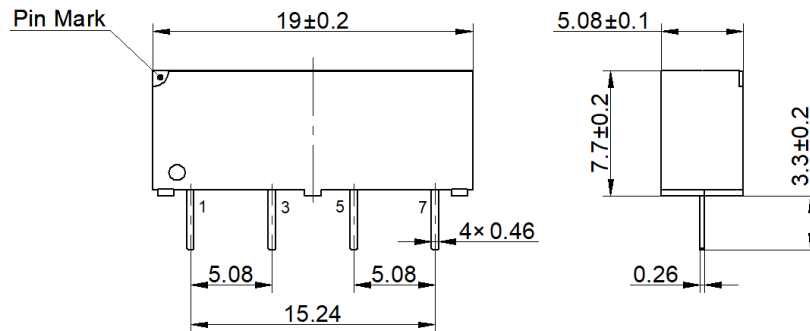
SIP-1A05B

- Hermetically sealed for long life
- Low Contact Resistance
- Excellent Lifetime Characteristics
- Custom Design Available

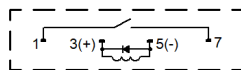


Outline Dimension

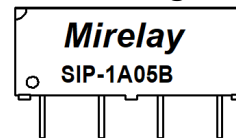
Unit: mm DIM Tolerance: ± 0.3



Layout[Top View]



Marking



Coil Parameters (at 20°C)

Nominal Coil Voltage	Nominal Current	Coil Resistance	Max Pull-in Voltage	Min Drop-out Voltage
5 VDC	10 mA	500 $\pm$ 10% Ω	3.75 VDC	0.6 VDC

Contact Parameters

Contact Form	1 Form A	Max Contact Rating	10 W
Max Switch Voltage	200 VDC	Max Switch Current	0.5 A
Max Carrying Current	1.0 A	Min Breakdown Voltage	250 VDC
Max Contact Resistance	150 m Ω	Life Expectancy (Electrical) (at 10 VDC 10mA)	5 $\times$ 10 ⁷ ops

Electrical Specifications

Dielectric Strength (Static,min)	Open contacts	250 VDC	Insulation Resistance (min./typ.) Rh<45%, 200V Test Voltage	Open contacts	$1\times10^{10}\Omega$
	Contact to coil	1.4 kVDC		Contact to coil	$1\times10^{10}\Omega$
Operate Time,incl.Bounce		0.3 ms	Capacitance	Across Open Switch	1.0 pF
Reset Time		0.3 ms			

Environmental data

Vibration (10 to 2KHz 1.5mm)	20 G	Shock (1/2 sine wave duration 11ms)	50 G
Operating Temperature	-40°C ~ 85°C	Storage Temperature	-40°C ~ 105°C
Soldering Temperature (5 sec. dwell)	260°C	Washability	fully sealed

Example of order marking

Product model	Contact form	Nominal Coil Voltage	Option	Special code
SIP	1A: 1 Form A	05: 5 VDC	B: Diode	Nil

Remark:

RoHS

Make

Li Linmao

TITLE

Reed Relay

Checke

Hu Shu

Approved

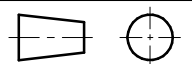
Dong Hu

P/N

SIP-1A05B

Date

21th, April, 2026



Version: 04

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