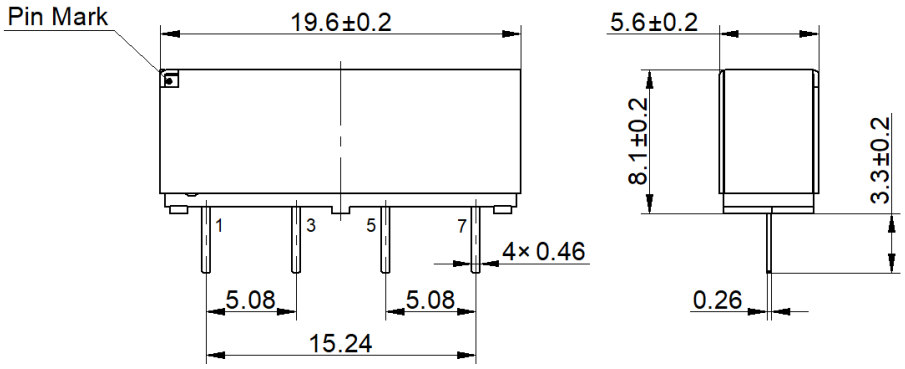
SIP-1A05S

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

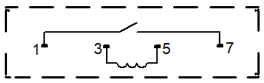


Outline Dimension

Unit: mm DIM Tolerance: ±0.3



Layout [Top View]



Marking



Coil Parameters (at 20℃)				
Nominal Coil Voltage	Nominal Current	Coil Resistance	Max Pull-in Voltage	Min Drop-out Voltage
5 VDC	10 mA	500±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 mΩ	Life Expectancy (Electrical) (at 10 VDC 10mA)	5×10^7 ops

Electrical Specifications					
Dielectric Strength (Static,min)	Open contacts	250 VDC	Insulation Resistance (min./typ.) Rh<45%, 200V Test Voltage	Open contacts	1×10^{10} Ω
	Contact to coil	1.4 kVDC		Contact to coil	1×10^{10} Ω
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℃ ~ 85℃	Storage Temperature	-40℃ ~ 105℃
Soldering Temperature (5 sec. dwell)	260℃	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	S：Mangnetic Shield		Nil

Remark:				
RoHS	Make	Li Linmao	TITLE: Reed Relay	
	Checke	Hu Shu		
	Approved	Dong Hu	P/N: SIP-1A05S	Version: 04
	Date	21th,April,2026		Page: 1/1