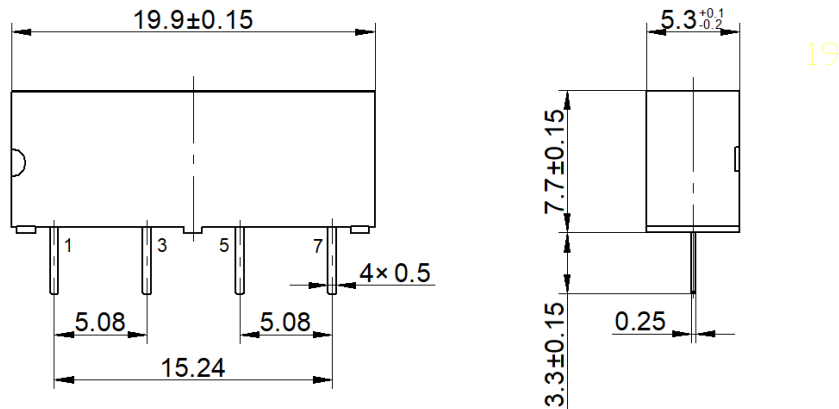


SIP-1A-P-12

- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 1500V DC
- Excellent Lifetime Characteristics
- Custom Design Available

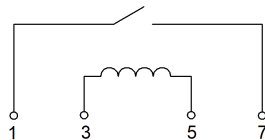
[Outline Dimension]

Unit: mm Scale: 1/1



[Pin Layout]

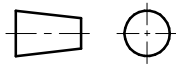
[Wiring diagram]



Order Information

SIP-1A-P-12

Coil Parameters		Relay Parameters	
1 Nominal coil voltage	12V DC	1 Min Breakdown Voltage	1500V DC
2 Max Operating voltage	30V DC	2 Dielectric Strength coil/contact	1500V DC
3 Max Pull-in voltage	9.0V DC	3 Insulation Resistance coil/contact	1.00E+12ohm
4 Min Drop-out voltage	1.2V DC	4 Operate Time, incl. Bounce	0.4ms
5 Coil Resistance	1000 ohm	5 Reset Time	0.1ms
Contact Parameters		6 Capacitance Across Contacts	0.4pF
1 Contact Form	1 Form A	7 Storage Temperature	-35~+105°C
2 Max Contact Rating	15 W	8 Operating Temperature	-20~+85°C
3 Max Switch Voltage	1000V DC	9 Soldering Temperature	5 sec. max 260°C
4 Max Switch Current	1.0 A	10 Life Expectancy	100E6 (at 1V 10mA)
5 Max Carrying Current	1.5 A		
6 Min Breakdown Voltage	1500V DC		
7 Static Contact Resistance(50mV, 10mA, 50mSec after coil energ)	0.15 ohm max		
8 Dynamic Contact Resistance(0.5V, 50mA@100 Hz 1.5mSec)	0.2 ohm max		

Version: 01	Designed by		TITLE High Voltage Reed Relay	
	Checked by			
	Approved by		P/N	Scale: 1:1
	Date	29th, Aug, 2024	SIP-1A-P-12	Page: 1/1