

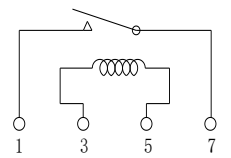
# REED RELAY

**PART NUMBER**      SIP - 1A- 12

Products \_\_\_\_\_

Contact Form \_\_\_\_\_

\_\_\_\_\_ Nominal Voltage

Picture	Part number	Schematic Contact Form (Bottom View)	Nominal Voltage (VDC)	Coil resistance ( $\Omega \pm 10\%$ )	Nominal input Power (mW)	Must Operate Voltage (VDC)	Must Release Voltage (VDC)	Maximum Voltage (VDC)
	SIP-1A12		12	1000	144	8.6	1.5	30

## Features:

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

# REED RELAY

## SIP Single - In -Line - Packages

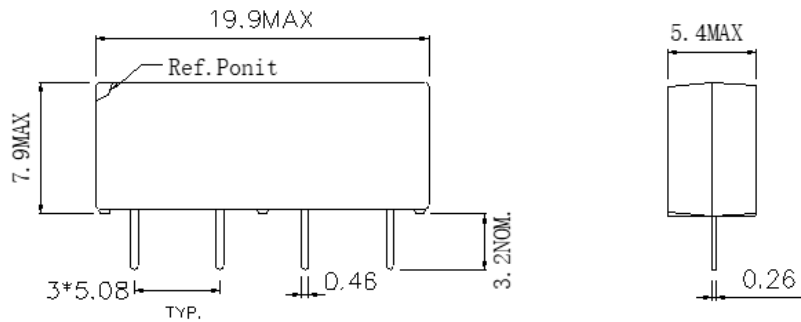
ITEM	ENGINEERING SPECIFICATION
Contact form	1A
Contact Rating	
Maximum switching power Maximum switching voltage Maximum switching current Maximum carry current	10VA(W) 200VDC or Peack AC 0.5A 1.0A
Contact Resistance(Initial)	150milliohms (MAX)
Life Expectancy Signal Level Load (Ref,12VDC,10Ma)	200x10 <sup>6</sup> Operations (MIN)
Timing (at nominalVDC ,10HZ drive,50% duty cycle with diode suppression) Oprate time (including Bounce) Releas time	0.3ms (MAX) 0.3ms (MAX)
Breakdown Votage Coil to contacts Across contact	1400VDC(1000Vrms) (MAX) 250VDC(100Vrms) (MAX)
Insulation Resistance	10 <sup>10</sup> OHMS (MIN)
Capacitance Across open contact Open contact to coil	1.0Pf (MAX) 2.0Pf (MAX)
Environmental temperature Total internal relay(storage) Oprating Shock resistance Vibration resistance Soldering temperature(5 sec.MAX)	-40°C to +105°C -40°C to +85°C 50g, 11±1ms, 1/2sin Wave 20g, 10 to 2000 HZ 260°C

# SIP Single - In -Line - Packages

Mechanical Dimensions:

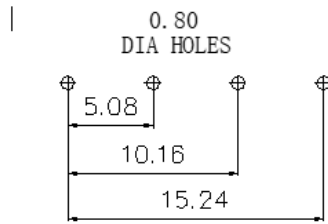
All dimensions are measured in millimeters .

## Form A



Front View

Side View



CIRCUIT DIAGRAM

Please note :Any option can affect the coil resistancor other electronical data, Please cont us.