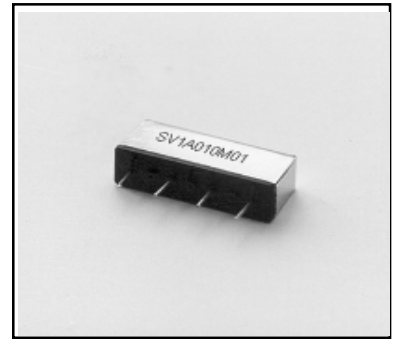


### ■ Features

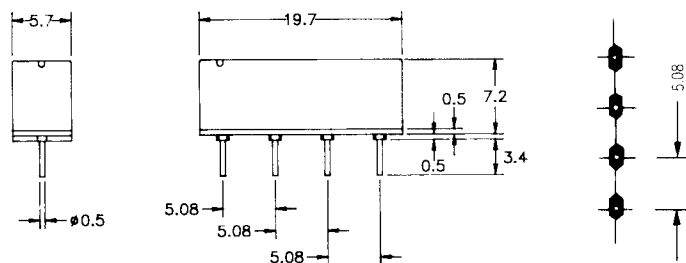
- Fully Sealed
- 1500 VDC Isolation Voltage between coil and contact
- Line Sensing
- w/Magnetic Shielding

### ■ Characteristics

Contact resistance	200mOhm max., initial
Operate Time	0.5msec max.
Bounce Time	0.5msec max.
Release Time	0.1msec max.
Insulation Resistance	10 <sup>9</sup> ohm min.
Power	10VA max.
Switching Voltage	180VDC max.
Switching Current	0.5 Amps max.
Carrying Current	1.0 Amps max.
Life Expectancy	10 <sup>8</sup> (signal level)
Minimum Breakdown Voltage	200VDC across open contact 1500VDC between coil and contact
Operate Temperature	-45 - +85 C
Storage Temperature	-50 - +125 C
Minimum Permissible Load	100mVDC 10m A
Vibration	20g (10-2000Hz)
Shock	30g (11ms 1/2 sine wave)
Resonant Frequency	3.5KHz



### ■ Dimensions & PCB Layout



### ■ Specifications (Contact Form: 1 Form A)

Part Number	Nominal Coil Current (mA)	Coil Resistance +/-10%	Pull-In Current (mA) max	Drop-Out Current (mA) min.	Circuit Schematic Top View
<b>SV1A010M01</b>	<b>20</b>	<b>10</b>	<b>15</b>	<b>5</b>	