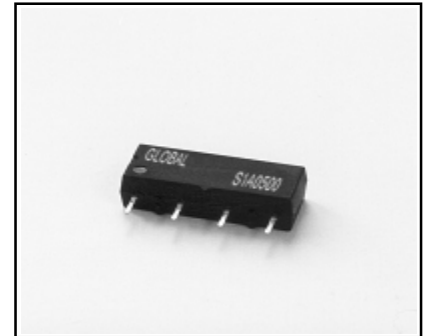


■ Features

- Molded epoxy body
- High isolation coil/contact
- Can make high voltage contact
- Sealed construction permits automatic flow soldering and cleaning



UL E155513
C-UL E155513

■ Coil Rating (20°C)

| Contact Form | Part Number | Nominal Voltage (VDC) | Coil Resistance (Ω) ± 10% | Must Operate (VDC) | Must Release (VDC) | Rated Current (mA) | Continuous Voltage (Max) | Special Features |
|--------------|-------------|-----------------------|---------------------------|--------------------|--------------------|--------------------|--------------------------|-------------------------|
| 1A | S1A05000 | 5 | 500 | 3.75 | 1.0 | 10 | 10 | standard |
| | S1A12000 | 12 | 1000 | 9.0 | 1.2 | 12 | 20 | standard |
| | S1A24000 | 24 | 2000 | 18.00 | 2.4 | 12 | 28 | standard |
| SPST-NO | S1A050D0 | 5 | 500 | 3.75 | 1.0 | 10 | 10 | with diode |
| | S1A120D0 | 12 | 1000 | 9.0 | 1.2 | 12 | 20 | with diode |
| | S1A240D0 | 24 | 2000 | 18.00 | 2.4 | 12 | 28 | with diode |
| 1A | S1C05M00 | 5 | 500 | 3.75 | 1.0 | 25 | 10 | magnetic shield |
| | S1C12M00 | 12 | 1000 | 9.00 | 1.2 | 24 | 20 | shield |
| | S1C24M00 | 24 | 2000 | 18.00 | 2.4 | 12 | 28 | |
| SPST-NO | S1A050X00 | 5 | 500 | 3.75 | 1.0 | 25 | 10 | diode + magnetic shield |
| | S1A120X00 | 12 | 1000 | 9.00 | 1.2 | 24 | 20 | |
| | S1A240X00 | 24 | 2000 | 18.00 | 2.4 | 12 | 28 | |

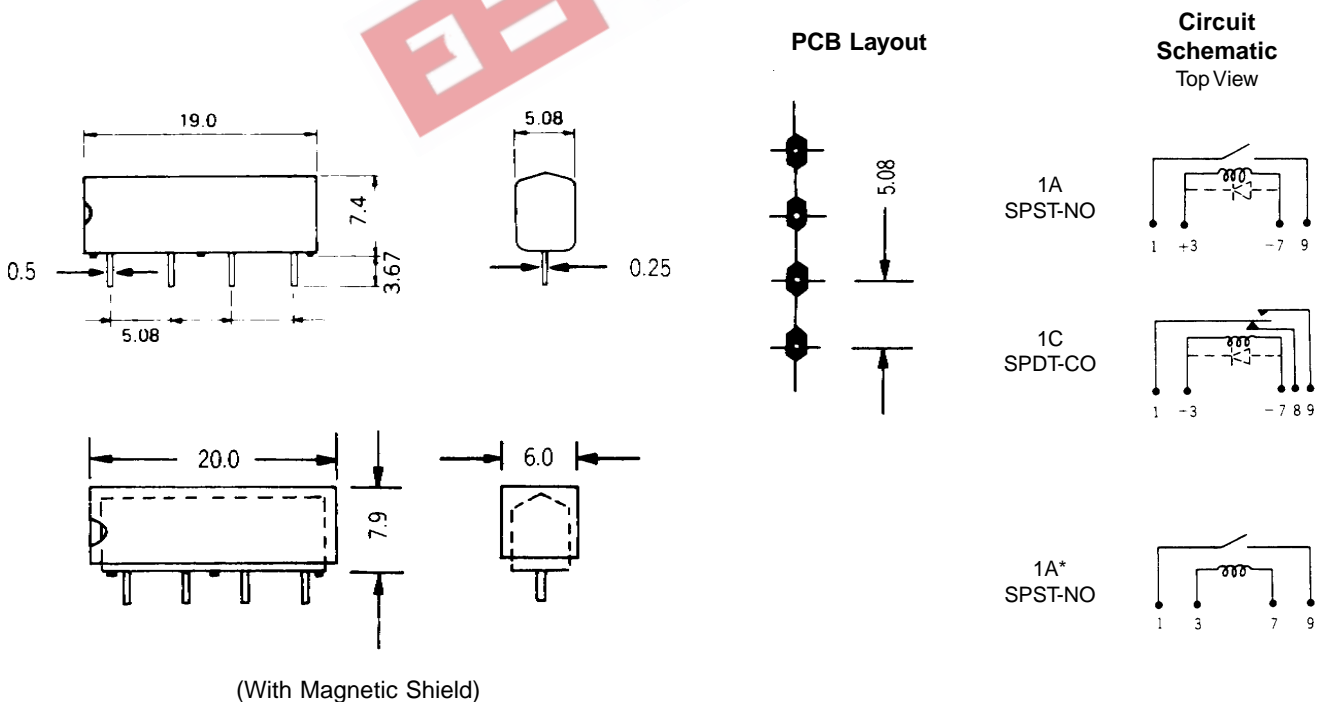
High Resistance Coil for Low Power Consumption • High Efficiency

| | | | | | | | | |
|---------------|------------|----|------|-------|-----|---|----|----------|
| 1A SPST-NO | SS1A050099 | 5 | 1000 | 3.75 | 1.0 | 5 | 10 | standard |
| | SS1A120098 | 12 | 2000 | 9.00 | 1.2 | 6 | 20 | standard |
| | SS1A120099 | 12 | 3000 | 18.00 | 2.4 | 4 | 28 | standard |

■ Specifications

| Item | Contact Form | 1A |
|---------------------------|--------------|--|
| Contact Resistance | | 100m Ω max. initial |
| Operate Time | | 0.5msec max. |
| Bounce Time | | 0.5msec max. |
| Release Time | | 0.2msec max. |
| Insulation Resistance | | 10 ¹⁰ Ω min. |
| Power | | 10VA max. |
| Switching Voltage | | 200VDC max. |
| Switching Current | | 0.5Amps max. |
| Carry Current | | 1.0Amps max. |
| Life Expectancy | | 10 ⁸ (signal level) |
| Minimum Breakdown Voltage | | 250VDC across open contact 1000VDC between coil and contact |
| Operating Temperature | | -40°C ~ +85°C |
| Storage Temperature | | -50°C ~ +125°C |
| Minimum Permissible Load | | 100mVDC 10 μ A |
| Vibration | | 20g (10 ~ 2000Hz) |
| Shock | | 30g (11ms. 1/2 sine wave) |
| Resonant Frequency | | 3.5KHz |

■ Dimensions



*High Resistance Coil Type