



FEATURES

- Solid Epoxy Body
- Industry standard SIP spacing
- Automatic insertion compatible
- Completely sealed, Immersion cleanable
- Magnetic shield available
- Diode across the coil available
- UL recognized and certified for Canada

UL **c** **UL** File # E86876

Characteristics	Contact Form 1A
Contact Material	Rhodium
Contact Resistance	100 Milliohms Max. Initial
Operate Time	0.5 mSec. Max.
Bounce Time	0.5 mSec. Max.
Release Time	0.2 mSec. Max.
Insulation Resistance	10 ¹¹ Ohms. Min
Power	10 VA Max.
Switching Voltage	200 VDC Max.
Switching Current	0.5 Amps. Max.
Carry Current	1.0 Amps. Max.
Life Expectancy	10 ⁸ (Signal level)
Minimum Breakdown Voltage	250 VDC across open contact
	500 VDC between coil and contacts
Operating Temperature	- 40 TO +85 Degrees C
Storage Temperature	-50 TO +125 Degrees C
Minimum Permissible Load	100m VDC / 10 Microamps
Vibration	20 G (10 TO 2,000 HZ)
Shock	30 G (11ms 1/2 sine wave)
Resonant Frequency	3.5 K HZ

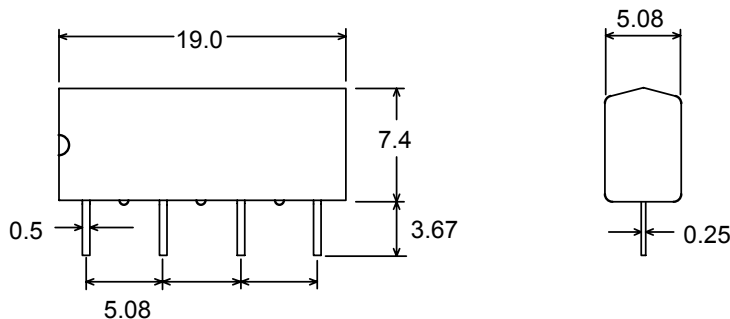
COIL RATINGS @ 20 DEGREES C

Contact Form	Part Number	Nominal Voltage (VDC)	Coil Resistance ±10%	Must Operate (VDC)	Must Release (VDC)	Rated Current (mA)	Continuous Voltage (Max)	Special Features	Circuit Schematic Top View
1A SPST-NO	S1A050000	5	500	3.75	1.0	10	10	Standard Standard Standard	
	S1A120000	12	1000	9.0	1.2	12	20		
	S1A240000	24	2000	18.00	2.4	12	28		
	S1A050D00	5	500	3.75	1.0	10	10	With Diode With Diode With Diode	
	S1A120D00	12	1000	9.0	1.2	12	20		
	S1A240D00	24	2000	18.00	2.4	12	28		
1A SPST-NO	S1A050M00	5	500	3.75	1.0	10	7	Magnetic Shield	
	S1A120M00	12	1000	9.0	1.2	12	15		
	S1A240M00	24	2000	18.00	2.4	12	28		
	S1A050X00	5	500	3.75	1.0	10	7	Diode + Magnetic Shield	
	S1A120X00	12	1000	9.0	1.2	12	15		
	S1A240X00	24	2000	18.00	2.4	12	28		

SENSITIVE COIL

Contact Form	Part Number	Nominal Voltage (VDC)	Coil Resistance ±10%	Must Operate (VDC)	Must Release (VDC)	Rated Current (mA)	Continuous Voltage (Max)	Special Features	Circuit Schematic Top View
1A SPST-NO	S1A050099	5	1000	3.75	1.0	5	10	STANDARD STANDARD STANDARD	
	S1A120098	12	2000	9.0	1.2	6	20		
	S1A120099	12	3000	9.0	1.2	4	28		

Dimensions In MM



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