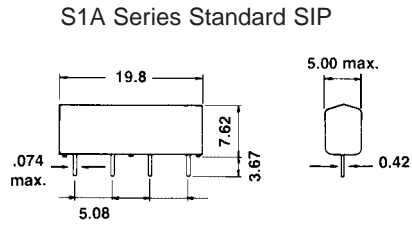


* SINCE 1976 *

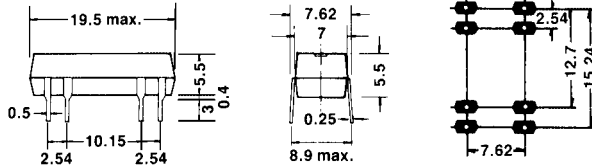
SIP/DIP REED RELAYS LOW COST D & S SERIES

- Molded epoxy body.
- FCC Part 68

DIMENSIONS: unit in mm



Shielding optional

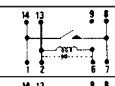
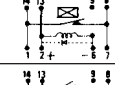
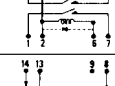
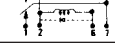


DIP TYPE

 File E75887

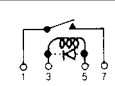
 File LR49291

DIP SPECIFICATIONS COIL RATINGS (20°C)

Contact Form	Part Number	Nominal Voltage (VDC)	Coil Resistance $\pm 10\%$	Must Operate (VDC)	Must Release (VDC)	Rated Current (mA)	Continuous Voltage (max)	Circuit Schematic
1A SPST-NO	D1A05(D)	5	500	3.75	1.0	10	10	
	D1A12(D)	12	1000	9.00	1.2	12	20	
	D1A24(D)	24	2150	18.00	2.4	11.1	28	
1B SPST-NC	D1B05(D)	5	500	3.75	1.0	10	7	
	D1B12(D)	12	1000	9.00	1.2	12	15	
	D1B24(D)	24	2150	18.00	2.4	11.1	28	
2A DPST-NO	D2A05(D)	5	140	3.75	1.0	35.7	10	
	D2A12(D)	12	500	9.00	1.2	24	20	
	D2A24(D)	24	2150	18.00	2.4	11.1	28	
1C SPDT-CO	D1C05(D)	5	200	3.75	1.0	25	10	
	D1C12(D)	12	500	9.00	1.2	24	20	
	D1C24(D)	24	2150	18.00	2.4	11.1	28	

(D): Clamp diode optional

SIP SPECIFICATIONS COIL RATINGS (20°C)

Contact Form	Part Number	Nominal Voltage (VDC)	Coil Resistance $\pm 10\%$	Must Operate (VDC)	Must Release (VDC)	Rated Current (mA)	Continuous Voltage (max)	Circuit Schematic
1A SPST-NO	S1A05(D)	5	500	3.75	1.0	10	10	
	S1A12(D)	12	1000	9.00	1.2	12	20	
	S1A24(D)	24	2000	18.00	2.4	12	28	

(S): Shielded (D): Clamp diode optional

Form B SIP Available

CHARACTERISTICS

Item	Contact Form	2A, 1A, 1B	1C
Contact Resistance		100mΩ max. (initial)	150mΩ max. (initial)
Operate Time		0.5msec max.	1.0msec max.
Bounce Time		0.5msec max.	2.0msec max.
Release Time		0.2msec max.	0.2msec max.
Insulation Resistance		10 ¹¹ (min)	10 ¹¹ (min)
Contact Material		Rhodium	Rhodium
Power		10VA max.	3VA max.
Switching Voltage		200VDC max.	100VDC max.
Switching Current		0.5Amps max.	0.25Amps max.
Carry Current		1.0Amps max.	0.5Amps max.
Life Expectancy		10 ⁸ (signal level)	5 x 10 ⁷ (signal level)
Breakdown Voltage		DC250V across open contact DC500V between coil and contact	DC200V across open contact DC500V between coil and contact
Operating Temp		- 40 ~ 85°C	- 40 ~ 85°C
Storage Temp		- 50 ~ 125°C	- 50 ~ 125°C
Minimum Permissible Load		100mVDC 10μA	100mVDC 10μA
Vibration		20g (10 ~ 2000Hz)	20g (10 ~ 2000Hz)
Resonant Frequency		3.5 KHz	3.5KHz