

# SIP/DIP SERIES Small dry Reed relay

0.5 Amp



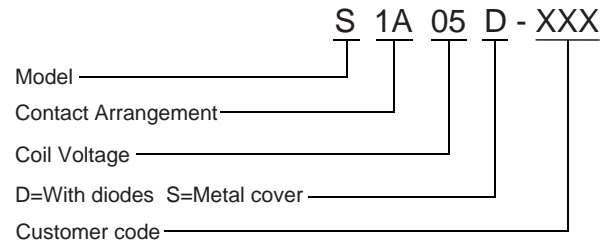
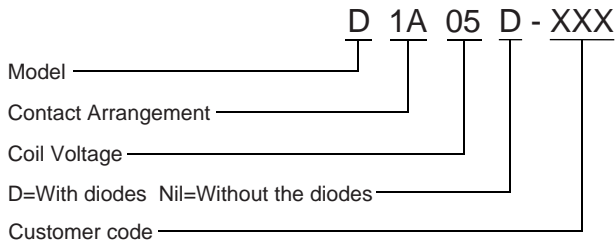
File No.:E75887



## FEATURES

- Molded epoxy body
- FCC Part 68

## ORDERING INFORMATION



## COIL DATA

### DIP Specifications

Contact Form	Part Number	Nominal Voltage (VDC)	Coil Resistance ±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	

### SIP Specifications

Contact Form	Part Number	Nominal Voltage (VDC)	Coil Resistance ±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	

\*Form B SIP Available

This datasheet is for customers' reference. All the specifications are subject to change without notice.



# RELAYS

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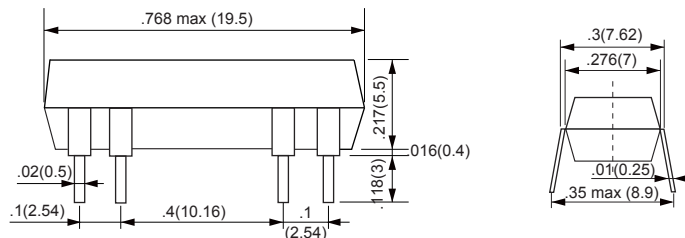
### CHARACTERISTICS

Item	Contact Form	2A,1A,1B	1C
Contact Resistance		100mΩ max. (Initial)	150mΩ max. (Initial)
Operate Time(Max.)		0.5ms	1.0ms
Bounce Time(Max.)		0.5ms	2.0ms
Release Time(Max.)		0.2ms	0.2ms
Insulation Resistance(Min.)		10 <sup>11</sup> Ω	10 <sup>11</sup> Ω
Contact Material		Precious Metals	Precious Metals
Power(Max.)		10VA	3VA
Switching Voltage(Max.)		200VDC	100VDC
Switching Current(Max.)		0.5A	0.25A
Carry Current(Max.)		1.0A	0.5A
Life Expectancy		10 <sup>8</sup> (Signal level)	5×10 <sup>7</sup> (Signal level)
Breakdown Voltage		DC250V across open contact	DC200V across open contact
		DC500V between coil and contact	DC500V between coil and contact
Operating Temp		-40°C ~ +85°C	-40°C ~ +85°C
Storage Temp		-50°C ~ +125°C	-50°C ~ +125°C
Minimum Permissible Load		100mVDC 10μA	100mVDC 10μA
Vibration		20g(10 ~ 2000Hz)	20g(10 ~ 2000Hz)
Resonant Frequency		3.5 KHz	3.5 KHz

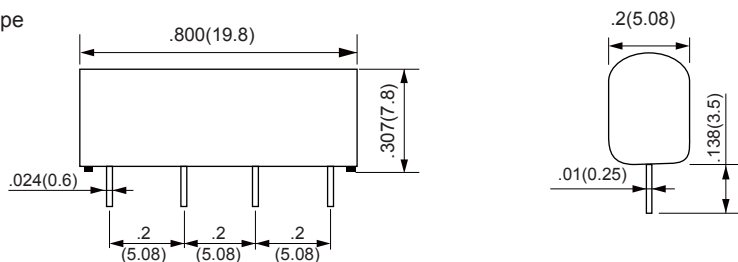
### OUTLINE DIMENSIONS

Unit: inch(mm)

#### DIP Type



#### SIP Type



- Remark:1) In case of no tolerance shown in outline dimension: outline dimension ≤1mm, tolerance should be ±0.2mm; outline dimension >1mm and ≤5mm, tolerance should be ±0.3mm; outline dimension >5mm, tolerance should be ±0.4mm.  
 2) The tolerance without indicating for PCB layout is always ±0.1mm.

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