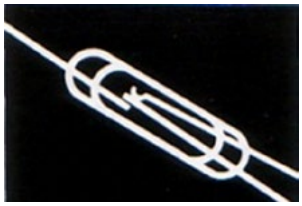
Reed Switches



Reed switches are ideal for situations where the environment must be protected from contact arcing, for example, preventing explosions or where the contacts need to be protected from the dirt and corrosion of the outside world. Contact materials can be of Durel for low current or Rhodium for higher current applications. Tungsten is used for high power switching. Specifications of some of the types available in the table below.

Contact us regarding your application.

Part Number	Micro Miniature				Miniature		High Volts	High Power
	HSR -003	HSR -004	HSR -067	HSR -370	HSR -077	HSR -1015	HSR -V7K	HSR -834
Configuration	SPST	SPST	SPST	SPDT	SPST	SPST	SPST	SPDT
Nominal Overall Length A mm	26.7	25.4	31.5	37.9	48.1	55.6	82.0	86.1
Max. Glass Length B mm	5.33	6.6	11.7	12.3	14.0	20.3	53.3	34.3
Max. Glass Diameter C mm	1.4	1.4	1.8	1.8	2.3	2.6	5.3	5.3
Max Switching Voltage Volts DC/AC	30	30	30	30	100	200	5,000	500
Max. Switching Current Amps DC/AC	0.01	0.01	0.2	0.1	0.25	0.5	3.0	3.0
Max. Switching Power Watts DC/VA	0.25	0.25	4	3	7	10	50	100
Min. Voltage Breakdown Volts DC	150	150	250	200	250	350	7,500	1,000
Initial Contact Resistance Ohms	0.5	0.5	0.2	0.2	0.1	0.1	0.1	0.5
Min Insulation Resistance Megohms	1000	1000	10,000	10,000	10,000	10,000	10,000	100
Standard Pull-In Range Ampere Turns	5-20	5-20	10-35	15-35	15-40	15-40	60-125	60-100
Figure	A3	A1	A1	C1	A3	A-1	A-2	C-2
Contact Material	Durel	Durel	Durel/ Rhod.	Durel/ Rhod.	Durel/ Rhod.	Durel/ Rhod.	Tungst.	Tungst.
Operate Time (Incl. Bounce) Millisecond	0.2	0.2	0.3	0.6	0.6	0.75	3.0	3.0

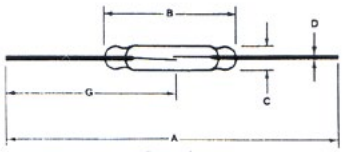


Figure A-1

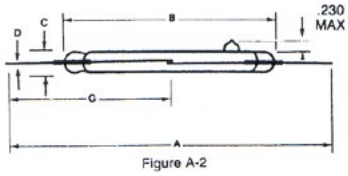


Figure A-2

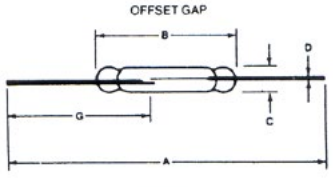


Figure A-3

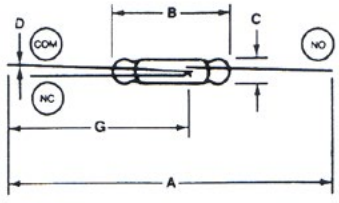


Figure C-1

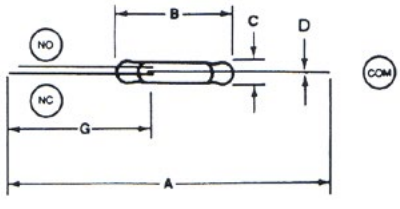


Figure C-2