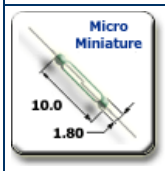
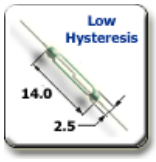
Miniature Reed switches

Contents

We manufacture a range of Ruthenium plated, inert gas filled, non-pressurized dry reed switches with Tin plated lead outs, for switching as low as 100 microwatts to as high as 120 W. Our reed switches can be used in a wide range of applications, from low level signal switching in mobile phones, to temperature sensing in heating appliances, and high wattage switching in relays.

Our Miniature magnetic reed switches are specially designed for switching low and medium loads without sacrificing on size, are highly configurable with respect to ampere-turn differential, and are RoHS compliant.

Dimensions	Wattage	Switching Voltage Max. (VDC)	Switching Current Max. (A)	Carry Current Max. (A)	Breakdown Voltage (VDC)	Initial Contact Resistance (milli-Ohms)
	5.0	100	0.35	0.5	150	200
	5.0	100	0.5	0.5	150	200
	10.0	100	0.5	0.75	200	150
	10.0	180	0.5	1.5	200	150
	10.0	180	0.5	1.5	200	150
	15.0	150	0.5	1.0	200	150
	10.0	180	0.5	1.5	200	150

Due to continual improvement, specifications are subject to change without notice

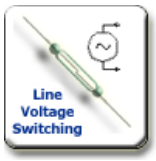
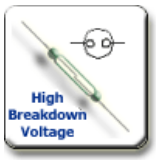
www.reed-sensor.com

22 May 2008

Standard size Reed switches

Contents

Our standard size reed switches are classified by type of load switching, and are manufactured with round glass tubes and wire for maximum seal strength. We incorporate a special multi-layer plating technology to ensure long life of high wattage reed switches. Life test details for different loads are available on request. For RoHS compliance, the leads are plated with pure Tin and restricted substances are not present.

	Wattage	Switching Voltage Max. (VDC)	Switching Current Max. (A)	Carry Current Max. (A)	Breakdown Voltage (VDC)	Initial Contact Resistance (Ohms)
	15	150	0.5	1.75	200	150
	90	230	0.5	2.5	350	100
	90	230	0.75	1.75	500	100
	120	230	3.0	5.0	800	100

Due to continual improvement, specifications are subject to change without notice

www.reed-sensor.com

10 May 2008