

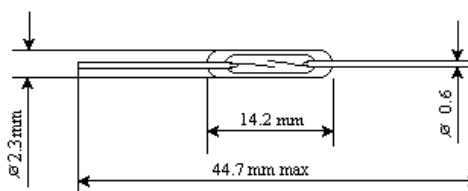
SPECIFICATION

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MGR560PG REED SWITCH

General purpose Rhodium plated miniature Reed switch. Applications including sensing elements used in safety and security systems, level sensing, counting and miniature relays.

<u>Physical Characteristics</u>	<u>mm</u>
Glass Diameter (Max.)	2.3
Glass Length (Max.)	14.2
Lead Diameter (Nominal.)	0.6
Overall Length (Max.)	44.7



all dimensions in mm

G SUFFIX

Electrical Characteristics

Contact Arrangement	SPST Form A Centre gap.
Contact Material	Rhodium
(1) Power Rating	10W.
Max. Switching Current	0.5 Amp DC 0.5 Amp AC.
Max. Carry Current	1.0 Amp DC 1.0 Amp AC.
Max. Switching Voltage	100 VDC 125 VAC-RMS
(2) Breakdown Voltage	250 Volts DC
(3) Contact Resistance (Max.)	100 Milliohms
Insulation Resistance (Min.)	10 ¹⁰ ohms
Contact Capacitance Picofarads max.	0.7pF

GERMANY

Glass Appearance : Green Transparent
LEAD : GOLD PLATING

Operating Characteristics

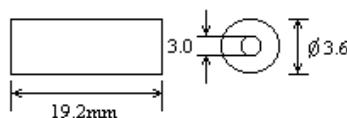
Operate time including bounce.(typ.)	0.6 Milliseconds.
Release time. (typ.)	0.1 Milliseconds.
Resonant frequency. (typ.)	5.3kHz
Vibration 10 - 2000 Hz. (G' s max.)	50 G.
Shock-11ms, 1/2 Sine wave (G' s max.)	100 G.
Operating Temperature	-40 to +125
Storage Temperature	-50 to +155
Pull in Range	10AT - 35AT
Drop out	5AT

Notes: (1) The specification for VA Rating may be exceeded for less sensitive (high AT) switches, and should be decreased for very sensitive (low AT) switches. Specific life testing for a particular load will be run upon request.

(2) Breakdown voltage is measured in the presence of a radioactive ionizing source with switch leakage current limited to 100 microamperes.

(3) Contact resistance measurements are made at 10mA from a 1 volt source with 15AT overdrive using a 4 wire (Kelvin) measuring system and contact probes located on 1.7" centers.

TEST COIL : NUMBER OF TURNS : 5,000
RESISTANCE OF COILS : 870 OHM



BIN CODE : 14103