

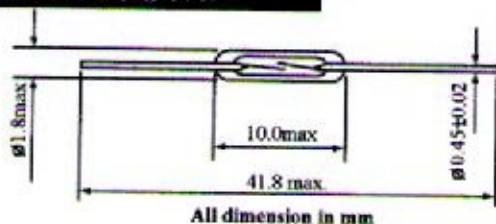
# MIEC

## RS-SPG REED SWITCH (NEW VERSION)

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

### PHYSICAL CHARACTERISTICS (mm) DIMENSIONS

Glass Diameter	1.8 (max.)
Glass Length	10.0 (max.)
Lead Diameter	0.47 (typ.)
Overall Length	41.8 (max.)



### ELECTRICAL CHARACTERISTICS

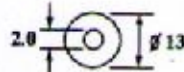
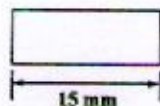
Contact Arrangement	SPST Form A Centre gap.
Contact Material	Rhodium
(1) Power Rating	10 W
Switching Current	0.5 ADC 0.5 AAC max.
Carrying Current	1.0 ADC 1.0 AAC max.
Switching Voltage	100 VDC 125 VAC - RMS max.
(2) Breakdown Voltage	150 VDC
(3) Contact Resistance	100 mΩ max.
Insulation Resistance	1X10 <sup>9</sup> Ω min.
Contact Capacitance	0.5 pF max.

### OPERATING CHARACTERISTICS

Operate Time including Bounce	0.5 ms (typ.)
Release Time	0.3 ms (typ.)
Resonant Frequency	7.0 kHz (typ.)
Vibration 10 - 2,000 Hz	10 G max.
Shock - 11ms, 1/2 Sine Wave	75 G max.
Operating Temperature	-40 °C ~ +125 °C
Storage Temperature	-50 °C ~ +155 °C
Pull-In Range	10 AT ~ 20 AT
Drop-Out	4 AT
Switching Frequency	400Hz Max

ELECTRICAL LIFE	5X10 <sup>6</sup> TIME@5VDC, 10mA
RESISTIVE LOADS)	10 <sup>5</sup> TIME@24V, 250mA

TEST COIL : NUMBER OF TURNS : 5,000  
RESISTANCE OF COILS : 580Ω



BIN COOE : 10110