



Ultraminiature MK31 series for low power applications

- The MK31 is a hermetically sealed SMD reed switch sensor encased in a robust thermoset over-molded package.
- At only 6.4mm x 1.95mm x 2.2mm the MK31 series outperforms other reed sensors in its size class, switching a minimum of 50 million reliable operations.
- No external power is required for operation making this series ideal in low power and space limited applications.
- Markets: Medical, Consumer goods, Metering, Security/gate control

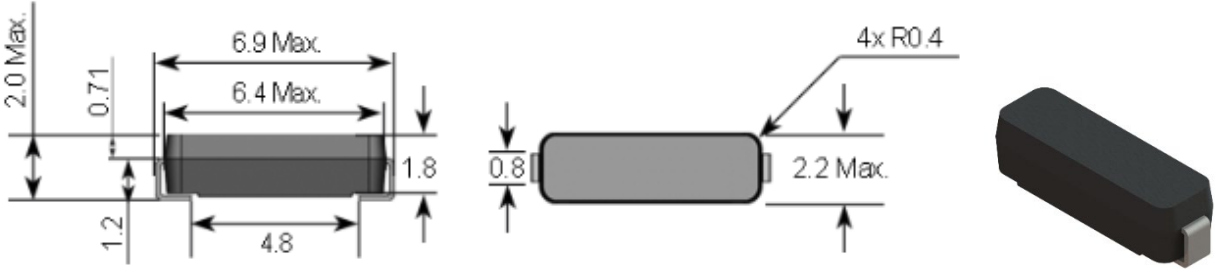
Features

- Hermetically sealed
- Dynamically tested contacts
- Millions of reliable long life operations
- 1A (SPST) Normally Open (N.O.)
- J-lead design (-3)
- 5 different sensitivity ranges
- Suitable for low power switching
- No external power required
- Suitable for automatic pick and place
- RoHS compliant
- Tape & Reel packaging (IEC 60286-3)

Applications

- Portable devices (battery driven devices)
- Limit switches
- Push button sensors
- Low power miniature devices
- Position sensors
- Non-contact switching
- Telecommunications
- Hand-held devices
- Cell phones
- Medical devices

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Technical Specifications

Specifications	Min	Max
Rated Power (W)		3
Switching Voltage (VDC)		30
Switching Current (A)		0.3
Insulation Resistance (GOhm)	10	
Working Temperature	-40°C	+115°C
Operating Range (AT)	5	30

Highlights

