

MK01 Series Surface Mount Reed Sensors

DESCRIPTION

MK01 Series Reed Sensors are magnetic proximity sensors designed in a durable package with J-Lead surface style mounting capability.

FEATURES

- SPST normally open Form A
- SPDT changeover Form C
- J- lead SMD design
- No external power required for sensor operation
- Tape & Reel packaging (IEC 60286-3)
- Suitable for automatic pick and place
- Hermetically sealed
- Dynamically tested contacts
- Millions of reliable operations

APPLICATIONS

- Battery Powered Equipment
- Door Sensor
- Handheld Devices
- Microphone On/Off Switch
- Off Hook Switch
- Position & Limit Sensing
- Security System Switch

MARKETS

- Computer
- Household
- Medical
- Security
- Telecommunications
- Test & Measurement



Form-C Changeover Surface Mount Sensors Both Tiny & Tough!

Our MK01 Series Reed Sensors are magnetically actuated proximity sensors designed in a tough molded exterior package. Their molded exterior surface is pick and place ready as well as reflow solder capable.

This tiny sensor series measures only 18.8 x 3.25 x 3.7mm with J-Leads designed for PCB surface mounting. Choose from either Form A single pole single throw normally open contact form or Form C single pole double throw changeover switching configuration.

SPECIFICATIONS

- Switching power: 10W
- Contact form: 1Form A (Normally Open) & Contact form: 1Form C (Changeover)
- Contact resistance: 150 mΩ
- Switching voltage: 200 VDC
- Switching current: 0.5A
- Breakdown voltage (across the switch): 225 VDC minimum (AT conditional)
- Operating temperature: -40°C- +130°C
- AT Sensitivity: B, C, D & E available

The MK01 sensor series come in 4 magnetic contact sensitivity ranges (B, C, D, & E) and are sold in Tape & Reel packaging. MK01 Reed Sensors are ideal in position and presence sensing applications that require little or no external power to operate, especially battery powered and handheld devices.

Request Samples Today!

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