

## Series Datasheet – MK23 Reed Sensors

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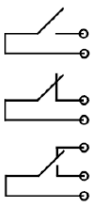
### Dimensions (mm) and Lead Specifications

Overall Length	13.0 – 29.6
Glass Length	7.0 – 21.0
Glass Dia.	1.8 - 2.75
Lead Dia.	0.3 to 0.6
Lead design 1	Flat, straight leads for PCB slot mounting
Lead Design 2	Flat, bent SMD leads (Gull-wing)
Lead Design 4	Round, bent SMD leads for PCB slot mounting

### Environmental Data

		Unit
Shock Resistance (max.) 1/2 sine wave duration 11ms	50	g
Vibration Resistance (max.)	20	g
Operating Temperature	-40 to 130	°C
Storage Temperature	-55 to 130	°C
Soldering Temperature (max.) 5 sec. max.	260	°C

### Glossary

Form A	NO = Normally Open Contacts SPST = Single Pole Single Throw	
Form B	NC = Normally Closed Contacts SPST = Single Pole Single Throw	
Form C	Changeover SPDT = Single Pole Double Throw	

### Glossary Magnetic Sensitivity

Sens.	A	B	C	D	E	F	G
AT	05-10	10-15	15-20	20-25	25-30	30-35	35-40



### MK23 Reed Sensors



### Handling & Assembly Instructions

- Use proper lead clamping or heat sinking techniques to prevent mechanical and/or heat stress during, soldering, and welding
- Mechanical shock as the result of dropping the reed sensor typically from a distance of greater than 12" may change it's magnetic sensitivity and/or destroy the sensor
- Series resistor recommended for >5m cable length

### Life Test Data

\*Load increase reduces life expectancy of Reed Switches

