

MK33 SERIES SURFACE MOUNT REED SWITCHES

Applications

- Metering
- Security systems
- Smart home controls
- Battery powered devices
- Reed switch ladders for level sensing
- On/off control switch, proximity, motion, and position detection

Barrel Style Lead

- Surface mount design
- Self aligns to pad
- Lead coplanarity
- Superb solderability
- Stable pick and place

Optimized Footprint -
Higher Industry Switching Power

Reed Switch Technology

- No power consumption
- Reliable 2-wire device
- Hermetically sealed
- Dynamically tested
- Normally open (Form A)
- Millions of fault-free operations
- Premier KOFU Japan **KOFU**

Bare Glass

- Compact footprint
- Low cost manufacturing
- Miniature 10 mm & 14 mm
- 200 VDC switching
- Automotive grade switch
- Tape and reel (IEC 60286-3)

RoHS



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MK33 SERIES SURFACE MOUNT REED SWITCHES



MK33 SERIES

OPERATING CHARACTERISTICS

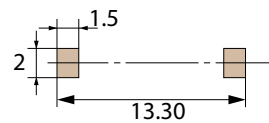
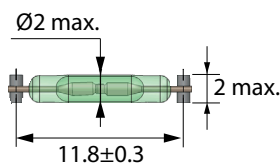
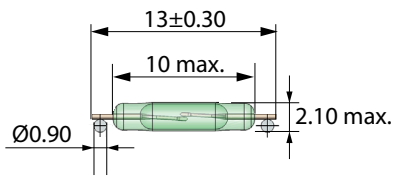
	87 Switch	66 Switch		87 Switch	66 Switch
Glass Length mm:	10	14	Breakdown Voltage Min. VDC:	250	250
Rated Power Max. W:	10	10	Operating Time Max. ms:	0.7	0.7
Switching Voltage Max. VDC:	200	200	Release Time Max. ms:	0.05	0.05
Switching Current Max. A:	0.4	0.5	Insulation Resistance Typ. Ω:	10 ¹⁰	10 ¹⁰
Carry Current Max.: A	0.5	1.0	Capacitance Typ. pF:	0.2	0.3
Contact Resistance Max. mΩ:	150	100			

Please note: All technical specifications on this flyer refer to the standard product range. Modifications in the sense of technical progress are reserved. For general information only. For more specific information, please consult the product datasheet, available upon request.

DIMENSIONS MM [INCH]

Tolerances acc. to DIN ISO 2768-m

MK33-87-X

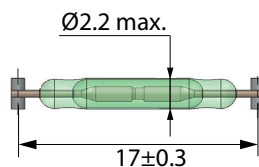
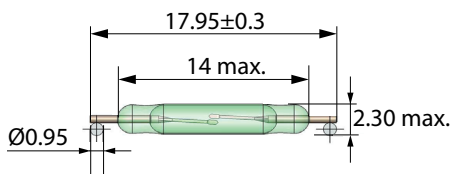


RECOMMENDED PCB PAD LAYOUT (Top View)

ISOMETRIC Scale 2:1



MK33-66-X



HOW TO ORDER:

MK33-XX-X



Magnetic Sensitivity: 10-55 AT

Switch Model: 87 or 66

Automotive & Transportation // Telecommunications // Safety & Security
General Purpose // Smart Home Controls // Test & Measurement // Medical // Battery-Powered Devices

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