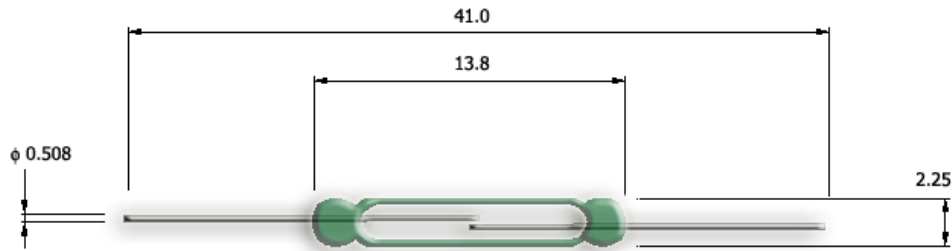


KSM-1322 Sub-miniature Reed Switch

Form A, Center Contact, Release AT Configurable



All dimensions in mm

This form A reed switch is built with a 2.25 mm diameter glass having a higher wall thickness for better glass to metal seals, and is a good solution for general purpose, high volume applications with a little shock and vibration, such as toys. The centre contact also makes it suitable for coil applications. The three differential ranges available cover a wide range of release specific applications. A specially plated contact for 230 VAC line voltage switching is also available.

Formations Available



Applications

This reed switch is suitable for use in the following applications and in many others: copiers and scanners, coffee machines, flow sensing, inclination sensors, lake current measurement, power switches in explosive areas, ferrous metal detection sensors, gear speed and direction sensors...

Electrical

Contact Rating (max)	W/ VA	10.0
Switching Current (max)	A	0.5
Carry Current (max)	A	1.5
Switching Voltage (max)	V _{DC}	180
Switching Voltage (max)	V _{AC}	130
Breakdown Voltage	V _{DC}	200
Initial Contact Resistance (max)	mΩ	150
Insulation Resistance (min)	Ω	10 ¹¹
Capacitance (min)	pF	0.2

Miscellaneous

Operate Time (max)	ms	0.5
Bounce Time (max)	ms	0.15
Release Time (max)	ms	0.15
Resonance Frequency	Hz	>2000
Operating Frequency	Hz	500
Operating Temperature	°C	-40 to +200
Test Coil		717 102 002

Ordering Code

KSM-1322-(Sub Code)-(Start Operate AT)-(Finish Operate AT)

Sub Code		L	M	H	AC
Release Range	AT	4 - 20	6 - 25	7.5 - 30	6 - 25
Operate Range	AT	10 - 40	10 - 40	10 - 40	20 - 40
Initial CR (max)	mΩ	100	120	150	150
Contact Rating	W/ VA	10	10	10	30
Switching Voltage	V _{AC}	130	130	130	230

Ordering Example

KSM-1322-M-10-14

Denotes 10-14 Operate AT band, with a minimum Release AT of 6.

Other Special Configurations Available

Dynamic contact resistance limit
Higher insulation resistance
Special release limits
Gold plates leads

Please refer to our reed switch [usage notes](#)

Due to continual improvement, specifications are subject to change without notice

www.reed-sensor.co.kr

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