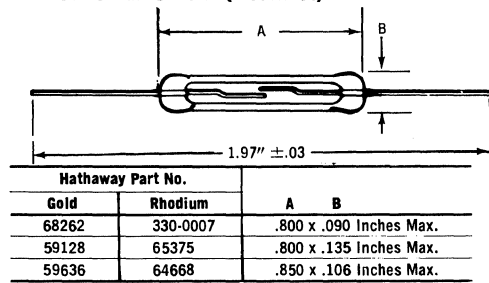


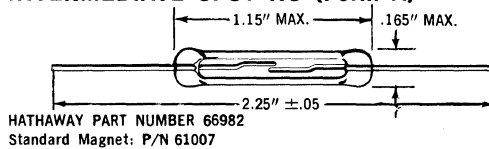
DRIREED SWITCHES

MINIATURE SPST (Form A)

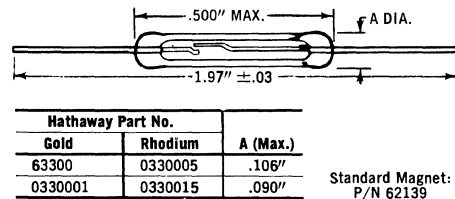


Standard Magnet: P/N 62139

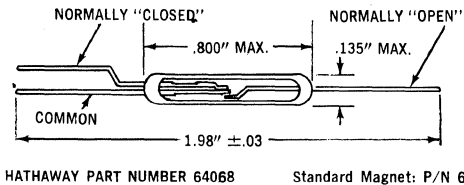
INTERMEDIATE SPST NO (Form A)



SUB MINIATURE SPST (Form A)



MINIATURE SPDT (Form C)



ELECTRICAL & ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (ALL SWITCHES): -65°C TO +150°C

Characteristic	Max. DC Current		Initial Contact Resistance‡	Dielectric Strength	Insulation Resistance	Operate Time	Release Time	Shock	Vibration
	Switching	Carry Only							
Unit	Amperes, Watts	Amperes	Milliohms, Max.	Volts, 60 Hz RMS	Megohms, Min. @ 85°C	Milliseconds Max. (Inc. Bounce)	Milliseconds Max. (Inc. Bounce)	G Duration of 11 ± 1 ms	See Note 1
Miniature SPST (Form A)	Gold	.125A, 4W	1.5	250 (P/N0330022-600 VDC)	10,000	1.0	0.5	50	B
	Rhodium	1.0A, 10W	1.5						
Intermediate SPST (Form A)	2.0A, 25W	3.0	100	350	10,000	1.5	0.5	35	A
Subminiature SPST (Form A)	.125A, 2W	1.0	200	200	5000	1.0	0.5	50	B
Miniature SPDT (Form C)	.125A, 2W	1.0	200	200	500	1.0	1.5	35	B

‡ Measured with 10 mA d-c thru contact

Note 1 — "A" Designates: Meets MIL-STD-202C, Method 204A, Test Condition A. (10G, 10-500 Hz)

"B" Designates: Meets MIL-STD-202C, Method 204A, Test Condition B. (15G, 10-2000 Hz)

GENERAL CHARACTERISTICS

TERMINAL FINISH (ALL SWITCHES): TIN PLATE

	Terminal Cross Section Inches Max.	Pull-In Ampere-Turns (AT) Standard	Drop Out Ampere-Turns (AT) % of Pull-In
Miniature SPST (Form A)	.028" x .018"	41 ± 14	Rhodium 30 to 95% Gold 30 to 75%
Intermediate SPST (Form A)	.045" x .025"	65 ± 15	30 to 75%
Subminiature SPST (Form A)	.028" x .018"	30 ± 10	30 to 75%
Miniature SPST (Form C)	.028" x .018"	41 ± 14	10% Min.

* MEASURED in a coil of 10,000 turns of #48 AWG magnet wire with a length of .76 ± .01 and an ID of .170 maximum.

** MISS LEVEL is defined as a contact resistance greater than specified for any closure, or failure to open after any closure.

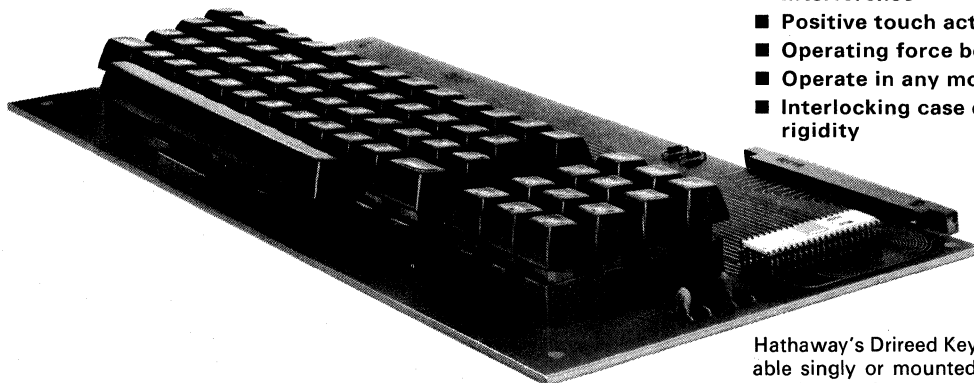
*** FAILURE is defined as five (5) or more misses in 100,000 consecutive operations.

**** MEASURED in a coil of 10,000 turns of #41 AWG magnet wire with a length of 1.03 ± .01 and an ID of .210 maximum.

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This page includes only a portion of our Drireed Switch Line. For switches with other characteristics (size, configuration, rating) contact the factory.

HATHAWAY KEYBOARD SWITCHES



- High reliability at low cost
- Space-saving compact design
- Unique Drireed design eliminates switch interference
- Positive touch action with no teasing
- Operating force between 50 to 60 grams
- Operate in any mounting plane
- Interlocking case design for mounting rigidity

Hathaway's Drireed Keyboard Switches are available singly or mounted on PC boards ready for installation. Contact your Hathaway Representative for complete specifications. He's listed in the yellow section.