



Form A magnetic reed switches

THE FOLLOWING SPECIFICATIONS ARE TYPICAL FOR 50 AT SWITCHES:†

FORM A MAGNETIC REED SWITCHES

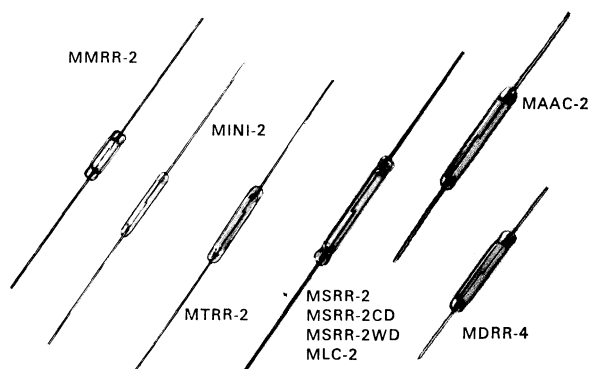
SPECIFICATIONS	MMRR-2	MINI-2	MTRR-2	MDRR-4	MSRR-2	MSRR-2CD	MSRR-2WD	MLC-2	MAAC-2
Contact Arrangement	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A
C = Center Gap O = Off-Center Gap	O	C	O	C	C	C	C	C	C
Contact Rating Watts—DC Max.	.3	3	10	10	10	3	10	10	1
Switching Voltage Volts—DC Max.	28	28	100	100	200	200	200	100	12
Maximum Current Amps—DC Resistive	.010	.110	.250	.500	.500	.500	.500	.500	.100
Initial Contact Resistance—Max. Ohms	.200	.200	.150	.100	.100	.200	.100	.150	.250
Breakdown Voltage* DC Minimum	250	200	250	200	400	400	400	300	300
Capacitance—Pf	.25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Insulation Resistance Ohms—Internal	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰
Stock Ampere Turn Pull-in Range	17.5— 52.5	7.5— 32.5	17.5— 52.5	12.5— 52.5	17.5— 52.5	17.5— 52.5	17.5— 52.5	20— 50	17.5— 52.5
Drop Out Characteristics *	Normal	Normal	Normal	Normal	Normal	Close	Wide	Normal	Wide
Actuating Time—Average Milliseconds—Incl. Bounce *	0.4	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Engineering Bulletin No.	B-1101	B-11002	B-21102	B-21107	B-31207	B-31208	B-31209	B-41259	B-31217
Standard Test Coil	L-4991	L-4991	L-4989	L-4989	L-4989	L-4989	L-4989	L-4989	L-4989

DIMENSIONS

* Ask for Engineering Bulletin for more specific information.
• Not available at time of publication.

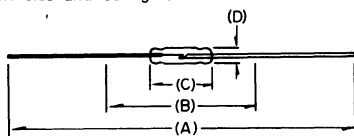
(A) Overall Length—Nom.	2.000(50.8)	2.000(50.8)	2.125(54.0)	1.235(31.4)	2.250(57.0)	2.250(57.0)	2.250(57.0)	2.230(56.6)	1.775(45.1)
(B) Trim Length—Min.	.500(12.7)	.625(12.7)	.690(17.5)	.725(18.4)	.925(23.5)	.925(23.5)	.925(23.5)	.925(23.5)	.925(23.5)
(C) Glass Length—Max.	.375(9.5)	.500(9.5)	.560(14.2)	.600(15.2)	.800(20.3)	.800(20.3)	.800(20.3)	.800(20.3)	.800(20.3)
(D) Glass Diameter—Max.	.090(2.3)	.070(2.3)	.092(2.3)	.105(2.7)	.090(2.3)	.090(2.3)	.090(2.3)	.105(2.3)	.105(2.3)

† Some parameters listed above are subject to change in other pull-in values.



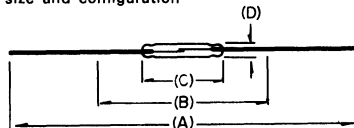
SINGLE POLE SINGLE THROW — FORM A

Typical MMRR size and configuration



SINGLE POLE SINGLE THROW — FORM A

Typical MINI size and configuration



SINGLE POLE SINGLE THROW — FORM A

Typical MSR size and configuration

