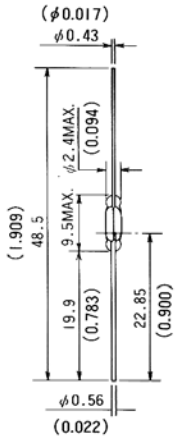
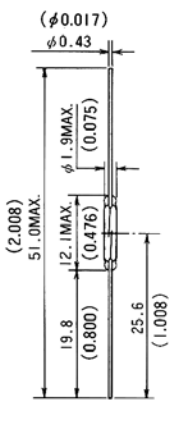
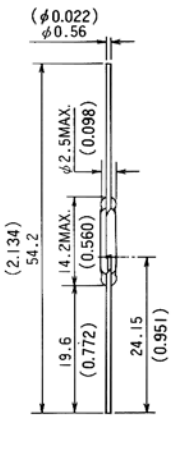
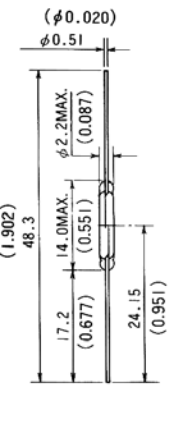
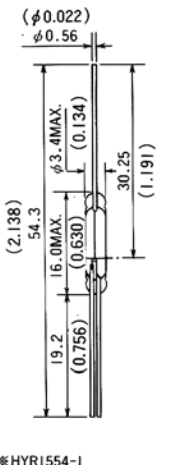


Dry Reed Switches

2

SWITCHES & KNOBS

Part No.	HYR1002	HYR1003	HYR1531	HYR1532	HYR1554
Dimensions Unit : mm(inch)					 ※HYR1554-I N.O. & N.C. leads are formed 2.54mm spacing
Contact Form	IA	IA	IA	IA	IC
Contact Position *1	0	0	0	0	0
Contact Material	Rhodium	Rhodium	Ruthenium *4	Ruthenium *4	Ruthenium *3
Max. Contact Rating	0.3W	3W	20W	10W	3W
Max. Switching Voltage	28VDC	28VDC	200VDC	200VDC	100VDC
Max. Switching Current	0.01A	0.11A	0.5A	0.5A	0.25A
Max. Initial Contact Resistance	200mΩ	200mΩ	150mΩ	150mΩ	200mΩ
Pull in Value (AT)	15-50	10-35	15-50	15-50	15-50
Min. Drop out Value (AT)	8	4	7	5	8
Min. Breakdown Voltage *2	200VDC	200VDC	250VDC	250VDC	200VDC
Max. Contact Capacitance	0.2pF	0.2pF	0.4pF	0.4pF	0.8pF
Min. Insulation Resistance	10 ¹⁰ Ω	10 ¹⁰ Ω	10 ⁹ Ω	10 ¹⁰ Ω	10 ⁹ Ω
Typ. Resonant Frequency	3.5kHz	5kHz	2.8kHz	4.8kHz	2.4kHz
Electrical Life (Resistive loads)	10 ⁷ (5VDC, 10mA) 10 ⁶ (24VDC, 10mA)	7 × 10 ⁶ (5VDC, 10mA) 10 ⁶ (24VDC, 100mA)	10 ⁸ (10mVDC, 10μA) 10 ⁵ (100VDC, 100mA)	10 ⁸ (10mVDC, 10μA) 10 ⁵ (100VDC, 100mA)	10 ⁸ (10mVDC, 10μA) 2 × 10 ⁶ (12VDC, 250mA)
Test Coil	TC-0501		TC-0502		
Features	Ultra miniature	Ultra miniature	High power	General application	Single pole, double throw