

**PRODUCT
FINDER**

Reed Switches

[Selection Guide](#)[Application Notes](#)[HYR-1003](#)[HYR-1508](#)[HYR-1531](#)[HYR-1532](#)[HYR-1552](#)[HYR-1555](#)[HYR-1559](#)[HYR-2003-1](#)[HYR-2003-2](#)[HYR-2016](#)[HYR-2034](#)[NRS-701A](#)[NRS-771](#)[RD-7B](#)[RD-7B-S002](#)[RD-8B](#)[RD-8N](#)[RD-9A-S002](#)[RD-9B](#)[RD-18A-S001](#)[RD-75AA](#)[RD-76](#)[Reed Relays](#)[Passive Infrared Detectors](#)[Photoelectric Beams](#)[Opto Sensors](#)[Proximity Sensors](#)[Automotive Sensors](#)[Level Sensors](#)[Flow Sensors](#)[Magnetic Contacts](#)[Video](#)

Aleph HYR-2003-2 - High Power Reed Switch

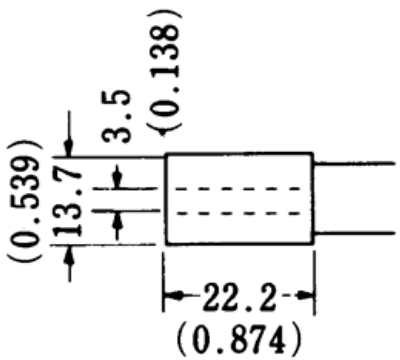
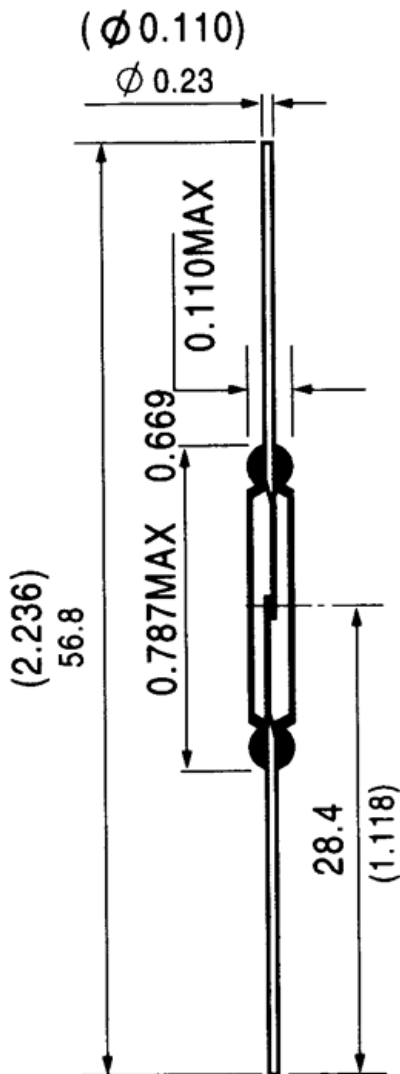
Specifications / Dimensions

Item	Value
Contact Form	1A
Contact Position ¹	C
Contact Material	Rhodium
Max. Contact Rating	50W
Max. Switching Voltage	200VDC/110VAC
Max. Switching current	1.0A
Max. Initial Contact Resistance	100m Ohm
Pull in Value (AT)	20-60
Mn. Drop out Value (AT)	8
Mn. Breakdown Voltage ²	300VDC
Max. Contact Capacitance	0.4pF
Mn. Insulation Resistance	10 ⁹ Ohm
Typ. Resonant Frequency	2.5kHz
Electrical Life (Resistive loads)	10 ⁷ (10mV, 10mA) 2 X 10 ⁴ (50VDC, 1A)
Features	High power

1. C : Center gap O: Off center gap
2. Breakdown voltage specifications are based on Pull-In sensitivity of 25 AT or higher. Contact ALEPH for information for switches with less than 25 AT sensitivity.

Test Coil - TC-0502

Number of Turns	5,000
Wire Gauge	AWG #40
Coil Resistance	420W



Aleph is a leading manufacturer of Opto Sensors (interrupter, reflective and actuator type), Magneto Resistive, Inductive, Thermal (reed switch), Magnetic Proximity (reed switch) and Deceleration/Crash type sensors.

Our security products are considered some of the best in the world. We manufacture and distribute Passive Infrared Detectors, Photoelectric Beams and Magnetic Contacts.

Aleph America
4700 Aircenter Circle
Reno, NV 89502

775-827-8000

About Us

[Aleph America](#)
[Aleph Holland](#)
[Aleph Japan](#)
[Aleph China](#)

[Staff Contacts](#)
[Sales Offices & Distributors](#)

Products

[Reed Switches](#)
[Reed Relays](#)
[Passive Infrared Detectors](#)
[Photoelectric Beams](#)
[Opto Sensors](#)
[Proximity Sensors](#)
[Automotive Sensors](#)
[Level Sensors](#)
[Flow Sensors](#)
[Magnetic Contacts](#)
[Aleph Video](#)

Contact Us

[Request a Catalog](#)
[Request a Quote](#)
[Request Cross-Reference](#)
[Staff Contacts](#)
[Find a Sales Office or Distributor](#)