

Part Number **HSR-156W** Contact Form A Switch Configuration SPST Rev. D

100 Watt Power Rated Switch

| Features | Advantages |
|--|--|
| <ul style="list-style-type: none"> Hermetically sealed contacts Offset gap construction Solid Tungsten contacts Leaded glass currently exempted from RoHS requirements | <ul style="list-style-type: none"> Not ESD sensitive Outstanding performance in permanent magnet applications Excellent performance with either inductive or capacitive loads Capable of switching power loads between 3 and 100 watts |

Electrical Specifications

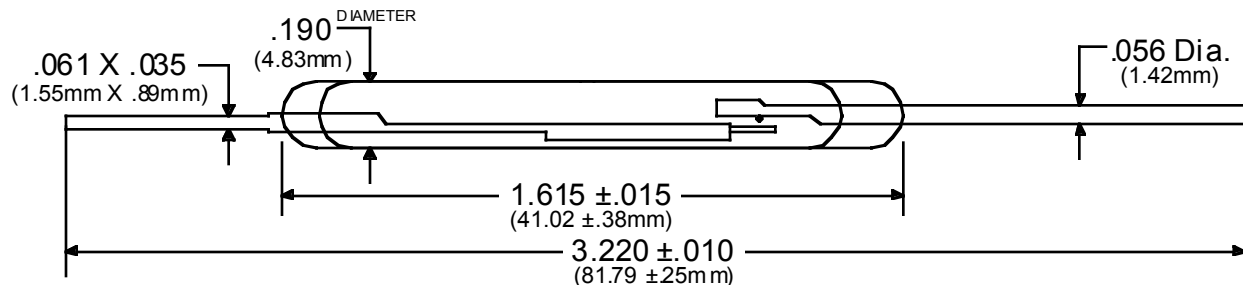
| | | | |
|-------------|----------------------------|-----------------|-------------|
| Power | | Watts - maximum | 100 |
| Voltage | Switching | VDC - maximum | 120 |
| | Breakdown | VDC - minimum | 700 |
| Current | Switching | Amp - maximum | 3 |
| | Carry | Amp - maximum | 5 |
| Resistance | Initial Contact Resistance | Ohm - maximum | 0.50 |
| | Insulation Resistance | Ohm - minimum | 1 E10 |
| Capacitance | Contact | pF - typical | 1.1 |
| Temperature | Operating | °C | -40 to +125 |
| | Storage | °C | -40 to +200 |

Magnetic Specifications

| | | | |
|-----------------|--|---------------|----------|
| Pull - In Range | | Ampere Turns | 50-100 |
| Test Coil | | NARM RS-421-A | Coil III |

Physical/Operational Specifications

| | | | |
|------------------|------------------|--------------------|------------------------|
| Capsule Volume | Excluding Leads | CC - nominal | 0.75 |
| Contact Material | | | Tungsten Bar and Plate |
| Operate Time | Including Bounce | mSeconds - maximum | 4.00 |
| Release Time | Including Bounce | mSeconds - maximum | 1.10 |



- Notes:
- (1) Specifications are not constant across entire magnetic range.
 - (2) Customer must exercise care in handling, mounting, lead forming, and cutting to prevent damage to glass capsule and/or switch sensitivity.
 - (3) For information or custom configurations about performance, mounting options or packaging, contact our Sales department.
 - (4) Information contained hereon is for informational purposes only and should not be deemed as accurate for a specific application. Consult factory for specific application information and/or latest revision.