

Part Number HSR-634W Contact Form C Switch Configuration SPDT Rev. E

100 Watt Power Rated Switch

| Features | Advantages |
|--|---|
| <ul style="list-style-type: none"> • Hermetically sealed contacts • Leaded glass currently exempted from RoHS requirements • Solid Tungsten contacts • UL recognized component | <ul style="list-style-type: none"> • Extended operations in extreme environments • Capable of switching power loads between 3 and 100 watts • Not ESD sensitive • Designed for high power relays or proximity sensors |

Electrical Specifications

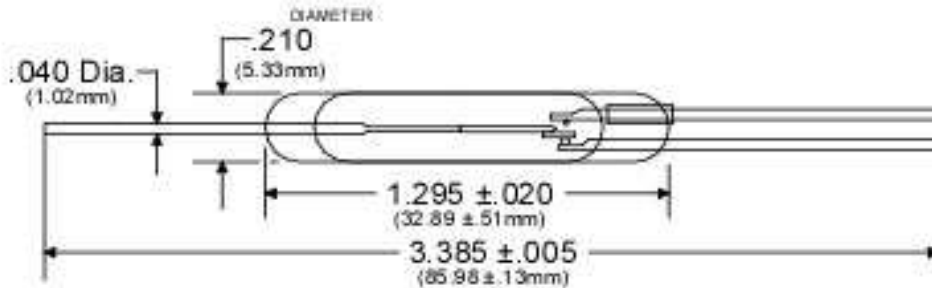
| | | | |
|-------------|----------------------------|-----------------|-------------|
| Power | | Watts - maximum | 100 |
| Voltage | Switching | VDC - maximum | 120 |
| | Breakdown | VDC - minimum | 150 |
| Current | Switching | | 3 |
| | Carry | | 3.6 |
| Resistance | Initial Contact Resistance | Ohm - maximum | 0.50 |
| | Insulation Resistance | Ohm - minimum | 1 E10 |
| Capacitance | Contact | pF - typical | 1.6 |
| Temperature | Operating | °C | -40 to +125 |
| | Storage | °C | -40 to +200 |

Magnetic Specifications

| | | | |
|-----------------|--|---------------|---------|
| Pull - In Range | | Ampere Turns | 60-100 |
| Test Coil | | NARM RS-421-A | Coil IV |

Physical/Operational Specifications

| | | | |
|------------------|------------------|--------------------|------------------------|
| Capsule Volume | Excluding Leads | CC - nominal | 0.74 |
| Contact Material | | | Tungsten Bar and Plate |
| Operate Time | Including Bounce | mSeconds - maximum | 4.00 |
| Release Time | | mSeconds - maximum | 3.90 |



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 (4) department.

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.