

**RoHS
Compliant**



Features

- Adjustable switching point
- Customized types available
- Various sensitivity ranges available

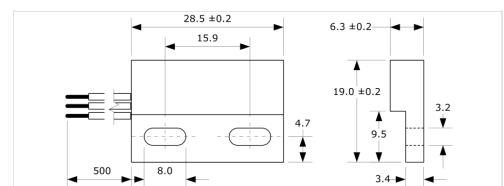
| Electrical Characteristics | | @ 25 °C |
|---------------------------------|--------|-----------------|
| Contact form | | C |
| Contact rating max. | W / VA | 5 |
| Switching voltage max. | V DC | 175 |
| | V AC | 120 |
| Switching current max. | A | 0.25 |
| Carry current max. | A | 1.5 |
| Breakdown voltage min. | V DC | 200 |
| Total resistance max. (initial) | mΩ | 150 |
| Insulation resistance min. | Ω | 10 ⁹ |

| Magnetical Characteristics (of unmodified Reed Switch) | | @ 25°C |
|--|------|---------|
| Pull in range available | AT | 15 - 30 |
| Drop out min. | AT | 5 |
| Test coil | TC | 200 |
| Test equipment tolerance | ± AT | 2 |

| Operating Characteristics (of unmodified Reed Switch) | | @ 25°C |
|---|----|--------|
| Switching frequency max. | Hz | 100 |
| Resonant frequency typ. | Hz | 1100 |
| Operate time max. (incl. bounce) | ms | 0.7 |
| Release time max. | ms | 1 |

| Environmental Characteristics | | |
|-------------------------------|----|------------|
| Operating temperature | °C | -20 to +85 |
| Vibration (50-2000 Hz) | g | 30 |
| Shock (1/2 sin 11 ms) | g | 50 |

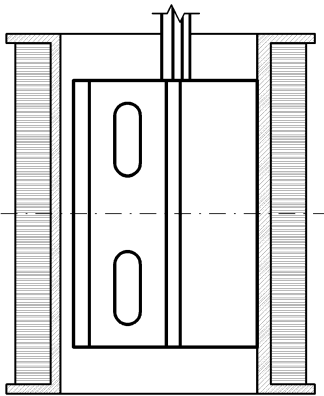
Dimensions



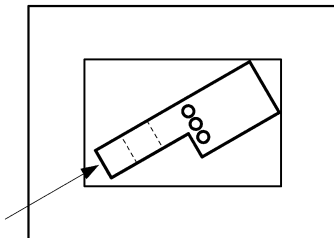
Reed Sensor Switch

| Material Information | | |
|----------------------|---|---------------------------------|
| | Material | Colour |
| Housing | PA-GF | Black |
| Cable | UL 1061, AWG 22, 4 mm stripped and tinned | COM: Black, NO: Grey, NC: White |
| Potting compound | Epoxy | Black |

Test Procedure of final Reed Sensor



| Test Parameters | |
|-----------------|--------------|
| Test coil | TC- 328 |
| Test programs | |
| AT range | Test program |
| 2 = 15 to 20 AT | MPMS-328-4-2 |



- Test Coil placed in vertical position
- Reed Sensor centered in Test Coil
- Reed Sensor pushed into opposite corner of Test Coil

Part Number Table

| Description | Part Number |
|--|--------------------|
| Reed Sensor Switch, Changeover, 10 to 15AT | MP-MS-328-4-1-0500 |

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