**SHR AUTOSENSOR TECH LIMITED**
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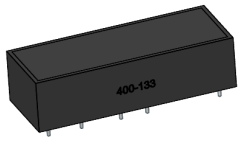
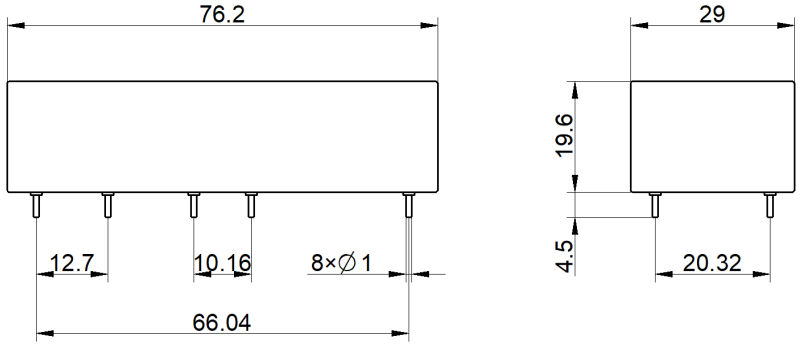
# 400-133

- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 5 kVDC
- Excellent Lifetime Characteristics
- Custom Design Available

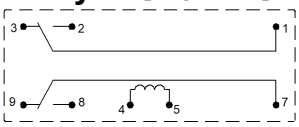



## Outline Dimension

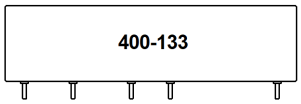
**Unit: mm DIM Tolerance: ±0.3**




## Layout [Top View]




## Marking




| Coil Parameters (at 20℃) | | | | |
|---|---|---|---|---|
| Nominal Coil Voltage | Nominal Current | Coil Resistance | Max Pull-in Voltage | Min Drop-out Voltage |
| 24 VDC | 24 mA | 1000±10% Ω | 18 VDC | 2 VDC |

| Contact Parameters | | | |
|---|---|---|---|
| Contact Form | 2 Form C | Max Contact Rating | 50 W |
| Max Switch Voltage | 2.5 kVDC | Max Switch Current | 3.0 A |
| Max Carrying Current | 3.2 A | Min Breakdown Voltage | 5 kVDC |
| Max Contact Resistance | 300 mΩ | Life Expectancy (Electrical) (at 500 VDC 100mA) | $5\times10^7$ ops |

| Electrical Specifications | | | | | |
|---|---|---|---|---|---|
| Dielectric Strength (Static,min) | Open contacts | 5 kVDC | Insulation Resistance (min./typ.) Rh<45%, 100V Test Voltage | Open contacts | $1\times10^{12}$ Ω |
| | Contact to coil | 5 kVDC | | Contact to coil | $1\times10^{12}$ Ω |
| Operate Time,incl.Bounce | | 3.0 ms | Capacitance | Across Open Switch | 3.3 pF |
| Reset Time | | 2.0 ms | | | |

| Environmental data | | | |
|---|---|---|---|
| Vibration (10 to 2KHz 1.5mm ) | 20 G | Shock (1/2 sine wave duration 11ms ) | 50 G |
| Operating Temperature | -20℃ ~ 70℃ | Storage Temperature | -35℃ ~ 105℃ |
| Soldering Temperature (5 sec. dwell) | 260℃ | Washability | fully sealed |

| Example of order marking | | | | | |
|---|---|---|---|---|---|
| Product model | Nominal Coil Voltage | Contact form | Breakdown Voltage | Pin Out | Special code |
| 400-133 | Nil | Nil | Nil | Nil | Nil |

| Remark: | | | | |
|---|---|---|---|---|
| **RoHS** | Make | Li Linmao | TITLE: High Voltage Reed Relay | |
| | Checke | Hu Shu | | |
| | Approved | Dong Hu | P/N: 400-133 | Version: 04 |
| | Date | 30th,Dec,2024 | | Page: 1/1 |