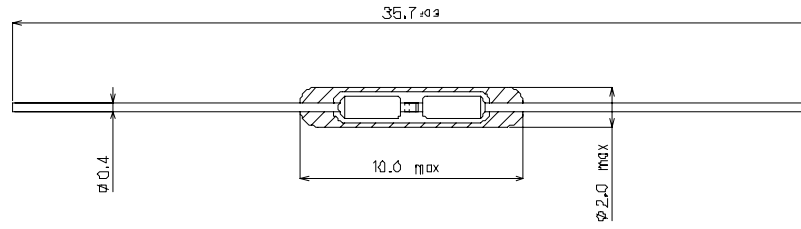


ORD314 REED SWITCH



I. 仕様 SPECIFICATIONS

1-1. 電気的特性 Electrical characteristics

| | | | |
|--------------------------------------|-----------------|-------|-----|
| 1. 感動値 Pull-in | 10~40 | AT | |
| 2. 開放値 Drop-out | 4 | AT | min |
| 3. 接触抵抗値 Contact resistance | 125 | mΩ | max |
| 4. 接点間耐電圧 Breakdown voltage | 250 | DCV | min |
| 5. 絶縁抵抗 Insulation resistance | 10 ⁹ | Ω | min |
| 6. 接点間静電容量 Electrostatic capacitance | 0.2 | pF | max |
| 7. 接点容量 Contact rating | 10 | W, VA | |
| 8. 最大開閉電圧 Maximum switching voltage | 200 | DCV | |
| 9. 最大開閉電流 Maximum switching current | 0.5 | A | |
| 10. 最大通電電流 Maximum carry current | 1.0 | A | |

1-2. 動作特性 Operating characteristics

| | | | |
|--|----------------------|----|-----|
| 1. 動作時間 Operate time | 0.3 | ms | max |
| 2. バウンス時間 Bounce time | 0.3 | ms | max |
| 3. 復旧時間 Release time | 0.05 | ms | max |
| 4. 共振周波数 Resonant frequency | 7500 ^{±500} | Hz | |
| 5. 最大駆動周波数 Maximum operating frequency | 500 | Hz | |

1-3. 環境特性 Environmental characteristics

| | | | |
|---------------------------------|----------|------------------|-------------|
| 1. 耐衝撃 Shock | 294 | m/s ² | (11ms) |
| 2. 耐振動 Vibration | 196 | m/s ² | (10~2000Hz) |
| 3. 使用温度範囲 Temperature range | -40~+125 | °C | |
| 4. 端子引張強度 Lead tensile strength | 19.6 | N | |

1-4. 寿命特性 Life expectancy

| | |
|--------------------------------|-----------------|
| 12Vdc - 8.4mA; Resistance load | 10 ⁸ |
|--------------------------------|-----------------|

II. 構造および寸法 STRUCTURE AND DIMENSIONS

| | | | |
|-----------------------------|----------------------|----|-----|
| 1. 接点形式 Contact arrangement | Form A | | |
| 2. 接点材料 Contact material | Iridium | | |
| 3. ガラス管径 Glass diameter | 2.0 φ | mm | max |
| 4. ガラス管長 Glass length | 10 | mm | max |
| 5. リード線径 Lead diameter | 0.4 φ | mm | max |
| 6. 全長 Overall length | 35.7 ^{±0.3} | mm | |

| | | | | |
|------|-------------------|---------------|--------------------------------------|-------------|
| DATE | REMARKS ON REVSES | DESIGNED | OKI SENSOR DEVICE CORPORATION | |
| | | DRAWN | NOMENCLATURE | |
| | | CHECKED | ORD314 REED SWITCH | |
| | | APPROVED | REFERENCE | DRAWING NO. |
| | | DATE OF ISSUE | | - 1/1 |