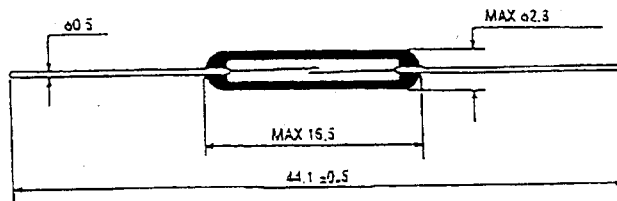


ORD9215 REED SWITCH



I. SPECIFICATIONS

1-1 Electrical Characteristics

|                             |                 |      |     |
|-----------------------------|-----------------|------|-----|
| 1 Pull-in                   | 10~50           | AT   |     |
| 2 Drop-out                  | 4               | AT   | min |
| 3 Contact resistance        | 100             | mΩ   | max |
| 4 Breakdown voltage         | 200(PI≥20)      | DCV  | min |
| 5 Insulation resistance     | 10 <sup>9</sup> | Ω    | min |
| 6 Electrostatic capacitance | 0.3             | pF   | max |
| 7 Contact rating            | 10              | VA,W |     |
| 8 Maximum switching voltage | AC 100          | V    |     |
|                             | DC 100          | V    |     |
| 9 Maximum switching current | DC 0.4          | A    |     |
| 10 Maximum carry current    | 1.0             | A    |     |

1-2 Operating characteristics

|                               |          |    |     |
|-------------------------------|----------|----|-----|
| 1 Operate time                | 0.4      | mS | max |
| 2 Bounce time                 | 0.4      | mS | max |
| 3 Release time                | 0.05     | mS | max |
| 4 Resonant frequency          | 3700±300 | Hz |     |
| 5 Maximum operating frequency | 500      | Hz |     |

1-3 Environmental characteristics

|                         |                   |
|-------------------------|-------------------|
| 1 Shock                 | 30 G (11 mS)      |
| 2 Vibration             | 20 G (10~1000 Hz) |
| 3 Temperature range     | -40~+125℃         |
| 4 Lead tensile strength | 2 kg              |

II. STRUCTURE AND DIMENSIONS

|                       |            |    |     |
|-----------------------|------------|----|-----|
| 1 Contact arrangement | Form A     |    |     |
| 2 Contact material    | Rhodium    |    |     |
| 3 Glass diameter      | 2.8 φ      | mm | max |
| 4 Glass length        | 16.5       | mm | max |
| 5 Overall length      | 44.1 ± 0.5 | mm |     |

|      |                   |                             |                                 |             |
|------|-------------------|-----------------------------|---------------------------------|-------------|
| DATE | REMARKS ON REVSES | DESIGNED                    | OKI ELECTRIC INDUSTRY CO., LTD. |             |
|      |                   | DRAWN<br><i>K. Yoda</i>     | NOMENCLATURE                    |             |
|      |                   | CHECKED<br><i>A. Kamao</i>  | ORD9215 REED SWITCH             |             |
|      |                   | APPROVED<br><i>R. Ohta</i>  | REFERENCE                       | DRAWING NO. |
|      |                   | DATE OF ISSUE<br>196. 6. 20 |                                 |             |

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