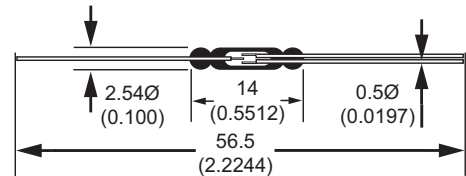


## Reed Switch - Compact - Change-Over Contacts

Part Number : ORT551

### Product Data Sheet

| PICTURE | DIMENSIONS |
|---------|------------|
|---------|------------|



 RoHS Compliant

Drawings not to scale  
All dimensions in mm (inches) nominal.

| SPECIFICATION |  |  |
|---------------|--|--|
|---------------|--|--|

|                             |      |                              |
|-----------------------------|------|------------------------------|
| Contact Form                |      | Change-Over                  |
| Contact Material            |      | Rhodium                      |
| Switching Capacity          | Max. | 3 VA                         |
| Switching Voltage           | Max. | 30 VAC/DC                    |
| Switching Current           | Max. | 0.2 A                        |
| Carrying Current            | Max. | 0.5 A                        |
| Dielectric Strength         | Min. | 200 VDC (PI <sub>≥</sub> 20) |
| Contact Resistance          | Max. | 100 mOhms                    |
| Insulation Resistance       | Min. | 10 <sup>9</sup>              |
| Pull - In - Sensitivity     |      | 15 - 30 AT                   |
| Drop - Out - Sensitivity    | Min. | 4                            |
| Bounce Time                 | Max. | 1.5 ms                       |
| Release Time                | Max. | 0.5 ms                       |
| Resonant Frequency          | Typ. | 6000                         |
| Operating Frequency         | Max. | 200 Hz                       |
| Vibration (10-1000Hz)       |      | 30 g                         |
| Shock (11 ms)               |      | 50                           |
| Capacitance                 | Typ. | 1.5 pF                       |
| Operating Temperature Range |      | -40°C + 125°C                |
| Test Coil                   | Type | 0551                         |

| NOTE |
|------|
|------|

- When cutting or bending switch leads it is important that the glass seal is not damaged. The cutting or bending point should be no closer than 3mm (.118in.) to the glass to metal seal and the lead should be supported between the cutting or bending point and the glass to metal seal.
- We offer a crop and form service for Reed Switches to be customized to your specification.

| Ordering Information |
|----------------------|
|----------------------|

**PART NUMBER ORT551 15 30**

- Type \_\_\_\_\_
- Minimum (AT) Sensitivity \_\_\_\_\_
- Maximum (AT) Sensitivity \_\_\_\_\_

**Example:**

Type ORT551 Standard Sensitivity. Pull-in sensitivity between 15-30 AT is PART NO: ORT551 15 30  
Available in ranges of 5 AT e.g: 15-20, 20-25 etc.

| Rev. No. | Revision Note      | Date     | Signature |
|----------|--------------------|----------|-----------|
| 2        | Datasheet Redesign | 05-06-06 | NG        |



As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

Phone : (1) 973 777 6900

www.comus-intl.com

Fax: (1) 973 777 8405