



## PMC-1401SX

### Customized Latching Reed Switch

RoHS

REACH

#### Electrical Characteristics

@ 25°C

|                                   |        |                 |
|-----------------------------------|--------|-----------------|
| Contact form                      |        | E               |
| Contact material                  |        | Ru              |
| Contact rating max.               | W / VA | 5               |
| Switching voltage max.            | VDC    | 140             |
|                                   | VAC    | 100             |
| Switching current max.            | A      | 0.5             |
| Carry current max.                | A      | 0.7             |
| Breakdown voltage min.            | VDC    | 200             |
| Contact resistance max. (initial) | mΩ     | 150             |
| Insulation resistance min.        | Ω      | 10 <sup>9</sup> |

#### Operating Characteristics

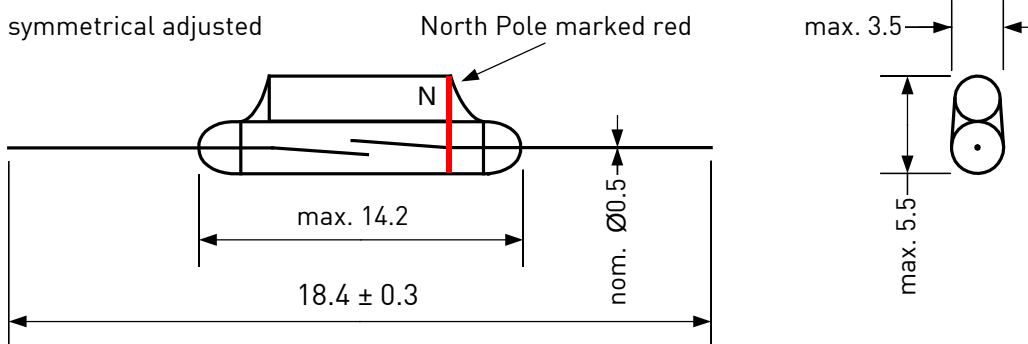
@ 25°C

|                                  |    |      |
|----------------------------------|----|------|
| Switching frequency max.         | Hz | 500  |
| Resonant frequency typ.          | Hz | 4000 |
| Operate time max. (incl. bounce) | ms | 1    |
| Release time max.                | ms | 0.4  |

#### Environmental Characteristics

|                        |    |             |
|------------------------|----|-------------|
| Operating temperature  | °C | -40 to +125 |
| Vibration (50-2000 Hz) | g  | 10          |
| Shock (1/2 sin 11 ms)  | g  | 50          |

#### Dimensions in mm



#### Remark:

Electrical Characteristics deviate from those of unmodified Reed Switch as contact force of blades is reduced for latching type.

**Attention: polarisation of external magnet must be considered!**