

PMC-1001



PMC-1001

Standard Reed Switch

Electrical Characteristics @ 25 °C

| | | |
|-----------------------------------|--------|-----------------|
| Contact form | | A |
| Contact material | | Ru |
| Contact rating max. | W / VA | 10 |
| Switching voltage max. | VDC | 180 |
| | VAC | 130 |
| Switching current max. | A | 0.7 |
| Carry current max. | A | 1 |
| Breakdown voltage min. | VDC | 200 |
| Contact resistance max. (initial) | mΩ | 150 |
| Insulation resistance min. | Ω | 10 ⁹ |

Features

- Form A switch (normally open type)
- Standard size with 10 mm glass length
- Economic, compact size
- Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch) @ 25 °C

| | | |
|--------------------------|------|---------|
| Pull in range available | AT | 10 - 25 |
| Drop out min. | AT | 4 |
| Test coil | TC | 010 |
| Test equipment tolerance | ± AT | 2 |

Operating Characteristics @ 25 °C

| | | |
|----------------------------------|----|------|
| Switching frequency max. | Hz | 500 |
| Resonant frequency typ. | Hz | 5000 |
| Operate time max. (incl. bounce) | ms | 0.5 |
| Release time max. | ms | 0.3 |

Environmental Characteristics

| | | |
|------------------------|----|-------------|
| Operating temperature | °C | -40 to +125 |
| Vibration (50-2000 Hz) | g | 20 |
| Shock (1/2 sin 11 ms) | g | 100 |

Life Expectancy

| Resistive load | Voltage | Current | Operations |
|----------------|----------|---------|---------------------|
| | 0.02 VDC | 0.01 A | 2 x 10 ⁹ |
| | 10 VDC | 0.01 A | 5 x 10 ⁷ |

Approvals

RoHS

REACH

UL US

Ordering Information

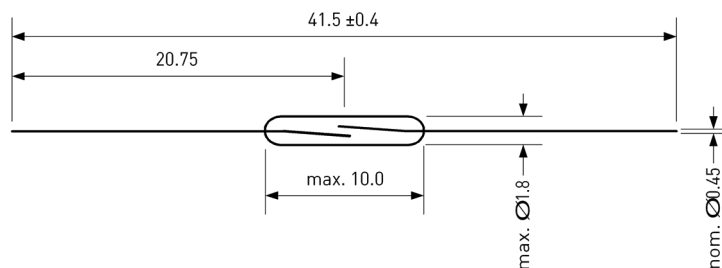
| | |
|--------------------|----------|
| Packing Unit | 1600 pcs |
| Weight per piece | 0.08 g |
| Weight per package | 189.3 g |
| Standard AT ranges | |

10 to 15 AT
15 to 20 AT
20 to 25 AT

Ordering example

PMC-10011015 describes PMC-1001 with 10 to 15 AT.

Dimensions in mm



Hilma Olig ©