

HSR-0025 Micro Reed Switch



Electrical Characteristics

| | | |
|-----------------------------------|--------|------------------|
| Contact form | | A |
| Contact material | | Durel |
| Contact rating max. | W / VA | 0.25 |
| Switching current max. | A | 0.01 |
| Carry current max. | A | 0.01 |
| Switching voltage max. | VDC | 30 |
| | VAC | 30 |
| Breakdown voltage min. | VDC | 80 |
| Contact resistance (initial) max. | mΩ | 500 |
| Insulation resistance min. | Ω | 10 ¹¹ |
| Capacitance typ. | pF | 0.7 |

Magnetical Characteristics

| | | |
|-------------------------|----|--------|
| Pull in range available | AT | 2 - 15 |
| Drop out min. | AT | 1 |
| Test coil | TC | 091 |

Operating Characteristics

| | | |
|----------------------------------|----|-------------|
| Operate time (incl. bounce) max. | ms | 0.3 |
| Release time max. | ms | 0.2 |
| Switching frequency max. | Hz | 900 |
| Resonant frequency typ. | Hz | 10000 |
| Vibration (50-2000 Hz) | g | 15 |
| Shock (1/2 sin 11 ms) | g | 75 |
| Operating temperature | °C | -40 to +125 |

Dimensions in mm

| | |
|-------------------------|-------------|
| A = Total length nom. | 26.70 |
| B = Glass length max. | 4.32 |
| C = Glass diameter max. | 0.97 x 1.27 |
| D = Wire diameter nom. | 0.25 |
| E = Gap location nom. | 14.00 |

