

HSR-V7K

High Voltage Reed Switch

Electrical Characteristics

| | | |
|------------------------------|--------|------------------|
| Contact Form (ASA) | | A |
| Contact material | | W* |
| Contact rating max. | W / VA | 50 |
| Switching current max. | A | 3.0 |
| Carry current max. | A | 4.5 |
| Switching voltage max. | VDC | 5,000 |
| | VAC | 3,500 |
| Breakdown voltage min. | VDC | 7,500 |
| Contact resistance (initial) | mΩ | 150 |
| Isolation resistance min. | Ω | 10 ¹⁰ |
| Capacitance typ. | pF | 1.0 |

*Minimum load for contact material W: 3 Watts !

Magnetical Characteristics

| | | |
|-------------------------|----|--------|
| Pull in range available | AT | 60-125 |
| Drop out min. | AT | 20 |
| Test coil | | 093 |

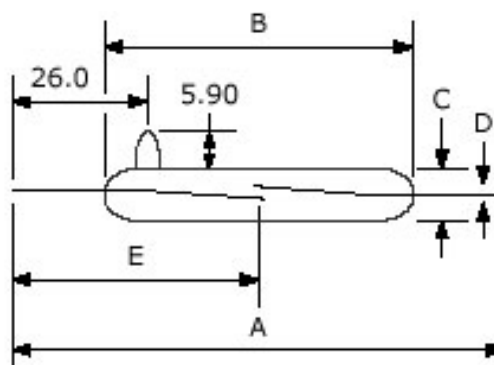
Operating Characteristics

| | | |
|----------------------------------|----|-------------|
| Operate time max. (incl. bounce) | ms | 3.0 |
| Release time max. | ms | 1.0 |
| Switching frequency max. | Hz | 50 |
| Resonate frequency max. | Hz | 300 |
| Vibration (50-2000 Hz) | g | 30 |
| Shock (1 / 2 sin 11 ms) | g | 100 |
| Operating temperature | °C | -45 to +125 |

Dimensions

| | |
|--------------------------------|---------|
| A = Total length nom. | 82.00 |
| B = Glass length max. | 53.40 |
| C = Glass diameter max. | 5.40 |
| D = Wire diameter nom. | 0.6x2.5 |
| E = Gap location | 41.00 |

in mm



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