

SIP-HV1A05D Product Datasheet

Rebuilt engineering datasheet using server-side original source files where available. The old source contact information is not reused; current website/contact information is shown in header and footer.

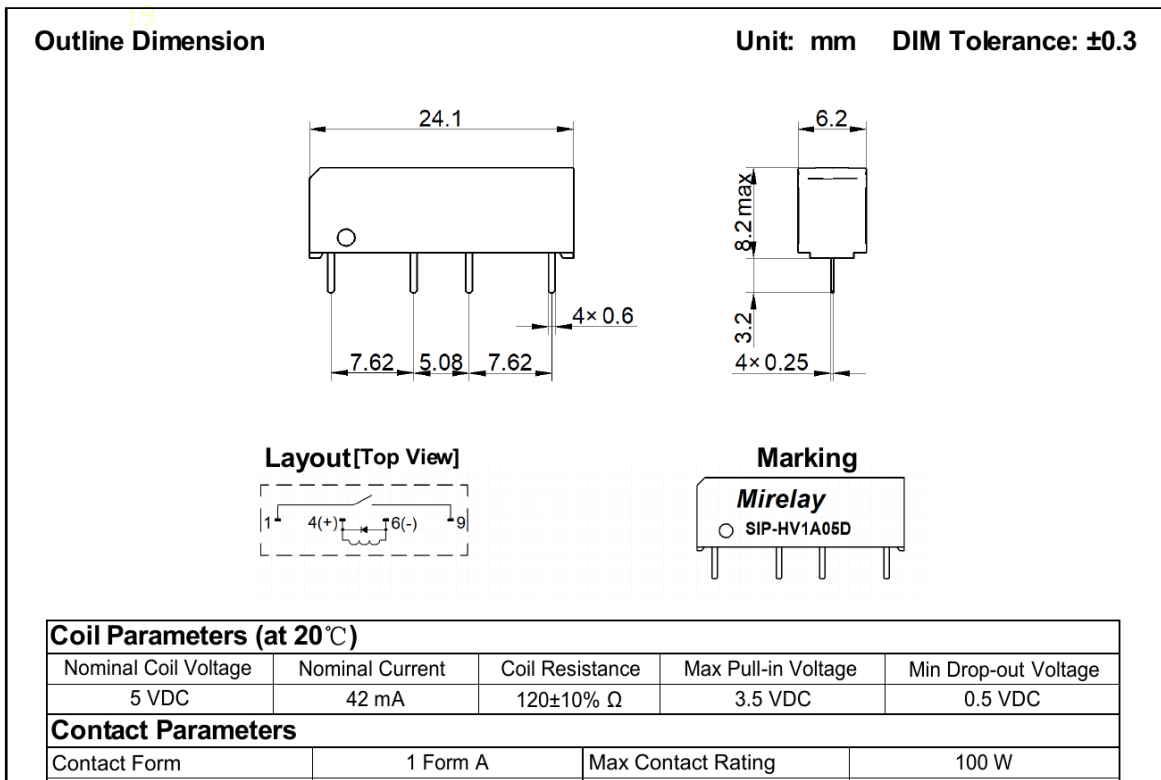
Source validation

Source: SIP-HV1A05D.pdf Original PDF/Image embedded as dimension reference

Original source used as screenshot/data reference; contact header/footer replaced with current Reed Relay website information.

Mechanical dimensions / source drawing screenshot

- Excellent Lifetime Characteristics
- Custom Design Available



Screenshot is cropped from the original server-side file to show dimensional/specification drawing while avoiding obsolete contact headers. Confirm the final signed drawing before PCB, busbar, mounting-hole or tooling release.

Clear selection method

Step	How to select
1. Package	SIP/MSIP/DIP defines package and PCB footprint.
2. Contact form	1A/1B/1C defines contact configuration.
3. Coil voltage	05/12/24 indicates nominal coil voltage.
4. Options	B/S/D/ATE/HR options may indicate sensitivity, shield, diode, screening or

RFQ checklist

- Exact target model or competitor part number
- Switching/carry current, voltage, load type and duty cycle
- Coil/control voltage and suppression requirements
- Mounting space, PCB/busbar/cable constraints and operating temperature
- Sample quantity, annual forecast and any drawing/customer specification

high-resistance variant; verify with source table.

Extracted useful source specifications

Original source text excerpts

• High Voltage Reed Relay

• Low Contact Resistance

• Breakdown up to 4 kVDC

Outline Dimension | Unit: mm | DIM Tolerance: ± 0.3

Coil Parameters (at 20°C)

Nominal Coil Voltage | Nominal Current | Coil Resistance | Max Pull-in Voltage | Min Drop-out Voltage

Contact Parameters

Contact Form | 1 Form A | Max Contact Rating | 100 W

Max Switch Voltage | 1.5 kVDC | Max Switch Current | 1.0 A

Max Carrying Current | 2.5 A | Min Breakdown Voltage | 4 kVDC

Max Contact Resistance | Life Expectancy (Electrical) | 8

Dielectric Strength Open contacts | 4 kVDC | Insulation Resistance Open contacts | $1 \times 10^{12} \Omega$

(Static,min) | Contact to coil | 4 kVDC | (min./typ.) $R_h < 45\%$, 200V Test Voltage Contact to coil | $1 \times 10^{12} \Omega$

Operate Time,incl.Bounce | 1.0 ms

Operating Temperature | -40°C \square 85°C Storage Temperature | -40°C \square 105°C

Soldering Temperature (5 sec. dwell) | 220°C | Washability | fully sealed

Product model | Contact form | Nominal Coil Voltage | Option | Special code

Checke | Hu Shu | High Voltage Reed Relay

Text excerpts are taken from the original source file after removing obsolete contact lines. If a value is unclear in OCR/text extraction, rely on the embedded source drawing and request confirmation.

Production notice: This rebuilt datasheet is for RFQ and preliminary selection. For high-voltage, mercury-wetted, EV/ESS/PV, medical, safety-critical or customer-specific applications, final signed MiRelay drawings and validation are required.