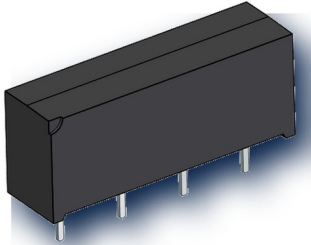


## SIP-1A05-ATE

### High Voltage Reed Relay

#### PRODUCT VISUAL



exact model image extracted from source pdf

#### KEY RATINGS

COIL VOLTAGE

**5 VDC**

CONTACT FORM

**1 Form A**

SWITCH VOLTAGE

**200V ACpk/DC**

CONTACT RATING

**10 W**

#### OVERVIEW

- Hermetically sealed for long life
- Excellent lifetime characteristics
- Low contact resistance
- Design for ATE application

#### COIL DATA

Nominal Coil Voltage	<b>5 VDC</b>
Max Operating Voltage	<b>15 VDC</b>
Max Pull-in Voltage	<b>3.75 VDC</b>
Min Drop-out Voltage	<b>0.5 VDC</b>
Coil Resistance	<b>500 Ω</b>

#### CONTACT RATINGS

Contact Form	<b>1 Form A</b>
Max Contact Rating	<b>10 W</b>
Max Switch Voltage	<b>200V ACpeak/DC</b>
Max Switch Current	<b>0.5 A</b>
Max Carrying Current	<b>1.0 A</b>
Min Breakdown Voltage	<b>250 VDC</b>
Max Contact Resistance	<b>100 mΩ</b>

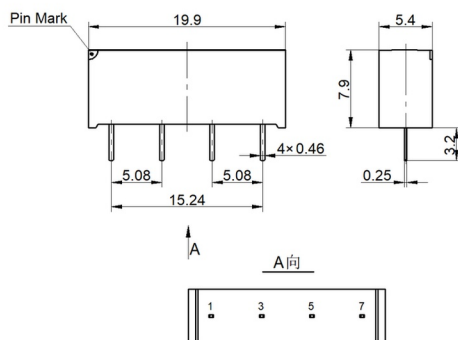
#### ELECTRICAL CHARACTERISTICS

Dielectric Open Contacts	<b>250 VDC</b>
Dielectric Contact/Coil	<b>1.4 kVDC</b>
Insulation Contact/Coil	<b>1.00E+10 Ω</b>
Operate Time incl. Bounce	<b>0.3 ms</b>
Reset Time	<b>0.3 ms</b>
Capacitance	<b>0.4 pF across contacts</b>

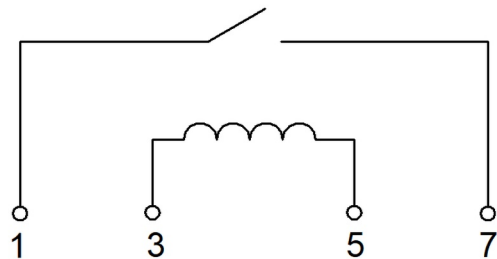
#### ENVIRONMENTAL / OPTIONS

Operating Temperature	<b>-20°C to +70°C</b>
Storage Temperature	<b>-35°C to +105°C</b>
Soldering Temperature	<b>260°C, 5 sec max</b>

#### MECHANICAL OUTLINE / DIMENSIONS



#### CIRCUIT / MARKING / TERMINAL VIEW



#### ORDERING & SOURCE TRACEABILITY

**SIP-1A05-ATE — SIP 1 Form A, 5 VDC coil, ATE application design**

Source: SIP-1A05-ATE.pdf

Technical values are preserved from source PDFs / generated metadata. Original outline and circuit figures are reused where available; do not treat artwork proportions as standalone dimensional authority.