PUBLIC PRODUCT DATASHEET

sales@reed relay.com

SIP Reed Relays is part of the Miniature Reed Relay range from SHR MiRelay. This English public datasheet has been rebuilt under the current SHR AUTOSENSOR TECH LIMITED identity for customer selection, sample purchase and RFQ support.

Product Family Miniature Reed Relay	**Model** SIP Reed Relays	**Purchase Path** Sample order or RFQ confirmation
Manufacturer SHR AUTOSENSOR TECH LIMITED	**Website** www.reed-relay.com	**Sales Contact** sales@reed-relay.com
Contact Form (Bottom View)	**Contact Rating** s Conditions Min. Max.Typ. Units	**Contact Resistance** Dynamic Contact Resistance
Insulation Resistance across Contacts	**Contact Ratings Conditions Min. Max.Typ.** Units	**Switching** Voltage

Key Features

- Insulation Resistance across Contacts

Technical Specifications

Parameter	Value
Contact Form	(Bottom View)
Contact Rating	s Conditions Min. Max.Typ. Units
Contact Resistance	Dynamic Contact Resistance
Insulation Resistance	across Contacts
Contact Ratings Conditions Min. Max.Typ.	Units
Switching	Voltage
Switching	Current
Carry	Current
Static Contact	Resistance
Dynamic Contact	Resistance
Insulation Resistance across	Contacts
Breakdown Voltage across	Contacts

Specification Notes

0.265.08

19.85 MAX

0.46

5.3 Max

5.08 0.46

21.0 MAX

6.2 Max

0.26

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SHR Relay

&RQWDFW;■)RUP■■ Form A

Contact Ratings Conditions Min. Max.Typ. Units

Switching Power

Switching Voltage

Switching Current

Carry Current

Any DC combination of V & A not to exceed

WKHLU■LQGLYLGXDOPD[■µV 10 W

Static Contact Resistance

Dynamic Contact Resistance

Insulation Resistance across Contacts

Breakdown Voltage across Contacts

Operation Time incl. Bounce

Release Time

Across Contact

Coil - Contact

DC <10 pF stray cap. 100 106 Cycles

1/2 sinus wave for 11 ms 50 g

Capacitance

Life Expectance

Switch Voltage 5V - 10 mA

For other load requirements, see test section on P.112

Environmental Data

Shock Resistance

10 - 2000 Hz

■■■&■■PLQXWH■PD[■■DOORZDEOH

■■■&■■PLQXWH■PD[■■DOORZDEOH -35

5 sec. 260

Vibration Resistance

Ambient Temperature

Stock Temperature

Soldering Temperature

$OO■'DWD■DW■■■■

200 VDC or peak AC

1.0 ADC or peak AC

1.2 ADC or peak AC

160 P■■w/ 0.5 V & 10mA

200 P■■Measured w/ 0.5 V & 50mA ,

1.5 ms after closure

■10 1310 10

10 12

0.5 msat nominal voltage

0.1 mswith no coil suppression

220

1500 VDC

0.4

2.0

SIP - XX XX XX

Options:

Ordering & Engineering Support

For production projects, confirm coil voltage, contact form, switching voltage/current, load type, operating environment, target quantity and required approvals before release. Contact sales@reed-relay.com or +86 137 6157 1029 for datasheet confirmation, sample availability and cross-reference support.

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