

COMUS



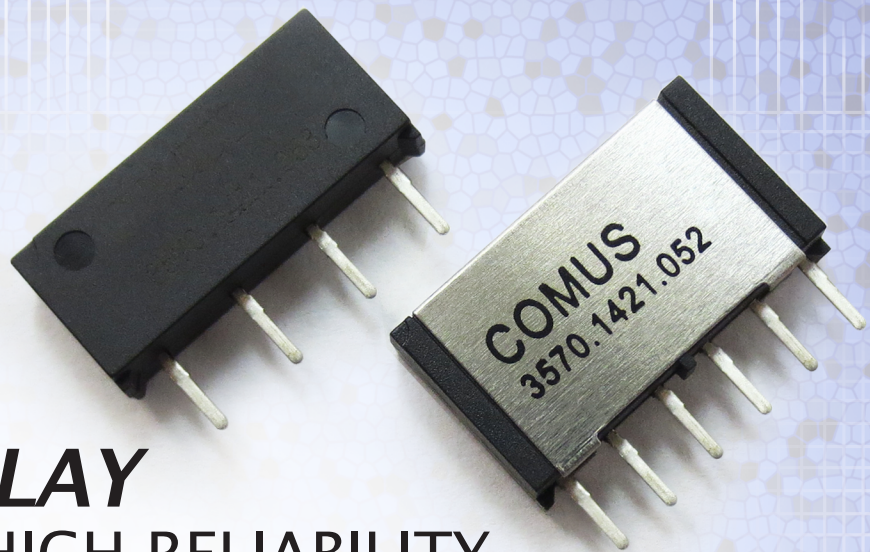
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Sensing the world's needs



MINI SIP REED RELAY

SMALL FOOTPRINT & HIGH RELIABILITY

From the Comus Group of Companies

FEATURES

- Long life with hermetically sealed, sputtered Ruthenium contacts
- High $10^{12} \Omega$ insulation resistance helps deliver accurate test measurement results
- 1A and 2A contact forms are ideal for high-density switch test matrices
- Highly reliable operation with a magnetic shield, even under severe test measurements
- Coil suppression diode that protects coil drive circuits
- Industry-standard package
- RoHS compliant and UL certified

We at Comus Group of Companies are excited to announce the release of the new [3570-14xx series](#) product line of Mini SIP reed relays. These highly reliable Mini SIP reed relays are ideal for high-density test matrices and instrumentation.

The Comus 3570-14xx series reed relay family features a 40% smaller footprint than standard SIP reed relays. This small footprint makes our Mini SIP product line ideal for usage in applications where PCB real estate is limited. The new product line takes advantage of the Coto Technology® superior-quality reed switches that Comus exclusively uses in every reed relay. The relays have long life with hermetically sealed, sputtered Ruthenium contacts. Also featured is a high $10^{12} \Omega$ insulation resistance that helps deliver accurate test measurement results and best-in-class performance.

Our new reed relays include 1A as well as 2A contact forms, making them the perfect fit for high-density test matrices. In addition, our Mini SIP relays come with an optional magnetic shield that ensures reliable operation even under the most demanding test conditions. We offer optional coil suppression diodes to help protect coil drive circuits, making these relays highly reliable. Our relays support 10 W and 15 W switch power ratings. All Comus Mini SIP reed relays are RoHS compliant and UL certified.

These reed relays have a standard lead time of 6 to 8 weeks. Prices for the quantity of 1000 relays start at \$1.43 for the 3570-1411 Mini SIP reed relays, \$1.54 for the 3570-1419, \$2.82 for the 3570-1421, and \$3.06 for the 3570-1429 relays. Detailed datasheets are available on [Comus' website](#).

APPLICATION: PCX Board Testers

Important characteristics for Reed Relays

- small size
- low capacitance
- stable contact resistance

Reed relays are commonly used in high-switch density applications such as automated PCB test equipment. Modern testers require higher pin counts, making our family of Mini SIP reed relays ideally suited for test applications by delivering a 40% footprint reduction while maintaining high quality, reliability, and long life.

