

COMUS

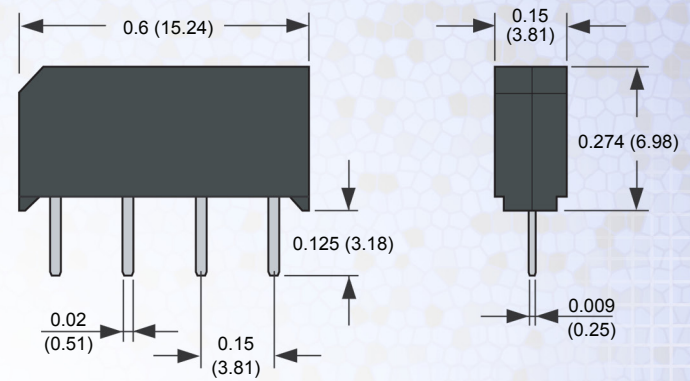


MINI REED RELAY

50% INCREASE IN POWER, 40% DECREASE IN SIZE

From the Comus Group of Companies


DIMENSIONS



FEATURES

- 40% smaller footprint than the Industry standard SIP series
- High reliability reed switch with Sputtered Ruthenium contacts for stable contact resistance and long life.
- 15 W 1 Form A with 1 Amp Carry Current rated reed switch.
- 2 Form A relay option available, ideal for high density test matrices.
- High insulation resistance $10^{12} \Omega$ minimum
- Magnetic shield-reduces interaction (option).

Comus International is proud to introduce two new additions to our growing reed relay menu. The new **14 series** is a high reliability instrumentation grade Mini-Sip package targeted for instrumentation, automatic test equipment and high density switching matrices. With switch power ratings up to 15W, our new relay series offers a 50% increase over industry standard packages.

The new 14 series takes practical advantage of Comus' vertical manufacturing capabilities. Our COTO Technology BV  reed switch is used exclusively in every reed relay we make which allows for the lowest industry lead times, superior quality, stable contact resistance, and the very best in reed relay performance.

The molded thermoset 14 series relay has a 40% smaller footprint than the Industry standard SIP series to increase board relay density and offer optional internal magnetic shielding and coil suppression diodes. Both types are RoHS compliant and UL is pending.

The 1411 (10 watt) and 1419 (15 watt) have a standard lead time of 6 to 8 weeks. 1000 quantity prices start at \$1.43 for the 1411 and \$1.54 for the 1419 series. Detailed datasheets are available on Comus' website at www.comusrelay.com

OTHER COMUS SENSORS

- | Surface Mount Reed Switches
- | Getting Smart with Sensing Technology
- | RBF Safety Warning Light
- | Night Vision with a Flip of a Switch
- | In the Spotlight Solid State Relays
- | Patio Heater Tip Switch
- | Electronic Inclination Sensor
- | Multi-Detection Sensor
- | Housed SMD Reed Switches

APPLICATION: PCX Board Testers

Important characteristics for Reed Relays

- small size
- low capacitance
- stable contact resistance

In a bare board tester logic matrix function is a critical requirement. The reed relays used to control such need to be of the highest quality. Newer testing platforms have higher density test heads with higher pin counts. This requires very small devices for high package density to maximize board real estate. The 14 series gives this market a 40% savings compared to similar performing and instrumentation grade SIP packages with no sacrifice to quality.

