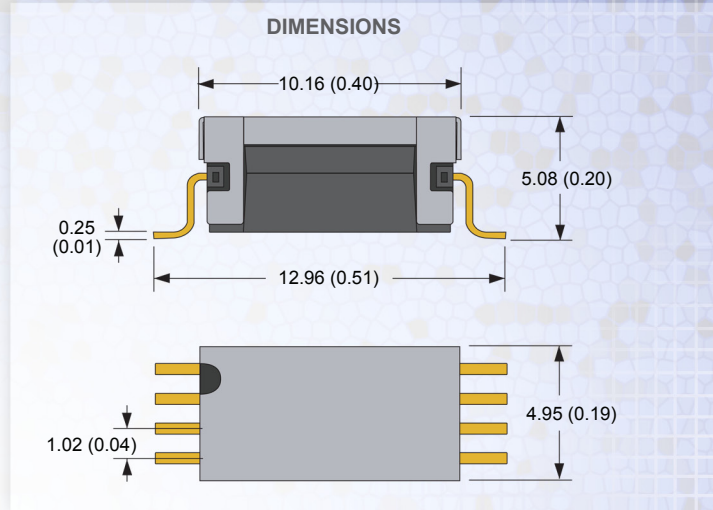




SMD REED RELAY

10 W CONTACT RATING & 6 GHZ BANDWIDTH

From the Comus Group of Companies




FEATURES

- High reliability reed switch with Sputtered Ruthenium contacts for stable contact resistance and long life.
- 10 W 1 Form A available in Gull and J-Bend lead configurations.
- Standard Coaxial Shield for RF applications up to 6 GHz.
- External magnetic shield
- High insulation resistance $10^{12} \Omega$ minimum
- Tape and reel packaging available



Comus International is proud to introduce our latest addition to our Reed Relay line. The new CGSM series offers superior reliability for the Instrumentation and automatic test equipment markets. With contact ratings up to 10 Watts and a 1 Amp carry current our new relay boasts an impressive 50% increase in power and capability over any similar size industry standard SMD packages presently being offered today.



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



The molded thermoset CGSM relay includes an external magnetic shield and internal coaxial shield (50Ω impedance matching) and is available in Gull and J-Bend configurations. The CGSM series is RoHS compliant and is capable to handle 260°C surface mount process temperatures. With its low profile and small footprint, the CGSM is ideal for use in high density PCB layouts and high bandwidth applications.

The CGSM series has a standard lead time of 8 to 10 weeks. Price starts at \$3.85 for 1000 pieces. Detailed datasheets are available on Comus' website at www.comusrelay.com

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APPLICATION: Mixed Signal Testers

Important characteristics for Reed Relays

- small size
- low capacitance
- RF performance

With the exponential advances in today's technology, Automatic Test Equipment makers are continuously having to meet new challenges in order to serve demand. As such the performance boards for these testers are constantly being pushed to new limits and with this the need for new and innovative reed relays becomes self evident. The requirements of RF, stable contact resistance and fast signal switching in a robust, board space conscience package are an absolute must.