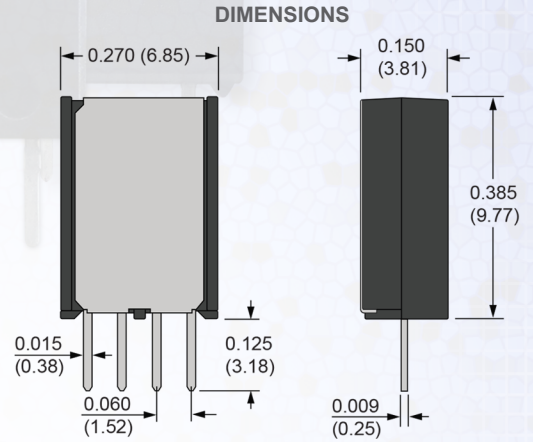
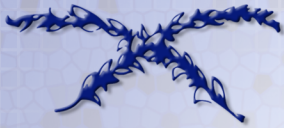


COMUS



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10 Watts

1517 SERIES ULTRA MINI SIP

From the Comus Group of Companies

FEATURES

- High reliability reed switch with sputtered ruthenium contacts for stable contact resistance and long life
- 10 Watt 1 form A Ultra Mini SIP with a 1 Amp carry current and 170 VDC switching
- 0.04 sq. in. (26 sq. mm) PCB Footprint
- High insulation resistance 10^{12} Ohms minimum
- Standard external magnetic shield to limit magnetic interaction in high density relay matrices
- RoHs Compliant

- Comus International is proud to introduce the 1517 series Ultra Mini SIP reed relay with a PCB footprint 75% smaller than the industry standard SIP relay.
- The new 1517 series offers the same 10 Watt power ratings as the full size SIP with a 1 Amp carry current and 170 VDC switching voltage.
- The 1517 Ultra Mini SIP exclusively uses the Comus Technology B.V. (COTO) reed switch with sputtered ruthenium contacts for high reliability and stable contact resistance.
- The 1517 series offers a standard external magnetic shield over a rugged molded thermoset package, optional coil suppression diode and is RoHS Compliant.

The 1517 series has a standard lead time of 8 to 10 weeks. Prices start at \$4.40 for 1,000 pieces. Detailed datasheets are available on Comus International's website www.comusrelay.com. For further inquires regarding the 1517 series please contact Comus Relays and Senors RI at 401-830-2100.

OTHER COMUS PRODUCTS

[Electronic Inclination Sensor](#)

[Multi-Detection Sensor](#)

[Housed SMD Reed Switches](#)

[Mini Reed Relay](#)

[SMD Reed Relay](#)

[RI-69 Reed Switch](#)

[BFM Series Relay](#)

[Micro Mini SIP Relay](#)

[GC Reed Switches](#)

[1339 & BF/BFS Reed Relay](#)

[RI-91 Reed Switch](#)



APPLICATION: High Density Test Matrix Modules

The New 1517 series Ultra Mini SIP is ideal for high density and reliable switching matrices used in ATE and data acquisition systems. As test matrix modules try to pack as many relays as possible onto a PCB, the need for a reliable small footprint reed relay with stable contact resistance is critical. The new 1517 series with its external metal shield offers the design engineer the ability to increase the number of contacts with minimal magnetic interaction.

Comus' experience in manufacturing sputtered ruthenium switches gives us an advantage over the competition and the 1517 Ultra Mini SIP maintains the higher 10 Watt, 170 VDC switching voltage and 1 Amp carry current ratings of much larger footprint SIP relays.