



HD33555

- Operation Frequency: 100-520 MHz
- RF Power Handling: 500W CW into 3:1 load VSWR at all phase angles.
- Insertion Loss: 0.5 dB max., 0.25 dB typical.
- Isolation: 40dB min. @ transmitter path.
60dB min. @receiver path.
- Impedance: 50 Ohms nominal.
- VSWR: 1.25:1 max.
- Switching Speed: 5 microseconds max., 2 μ S typical.
- Switching Rate: 2Khz max.
- Control Logic: Balanced differential TTL line. Impedance: 100 ohms
- Connectors: N females for XMIT and Common ports. SMA female for RCVR port. 9-pin D type for DC power line and control logic.
- Power Supply: 28V @800mA max. (built-in high voltage power supply)
- Operation Temperature: 0 °C to +70 °C
- Non-Operation Temperature: -40 °C to +80 °C
- Size: 4.5" x 4.0" x 2.325" max.
- The unit incorporated protection against lightning and high voltage spikes. The common port is DC grounded.

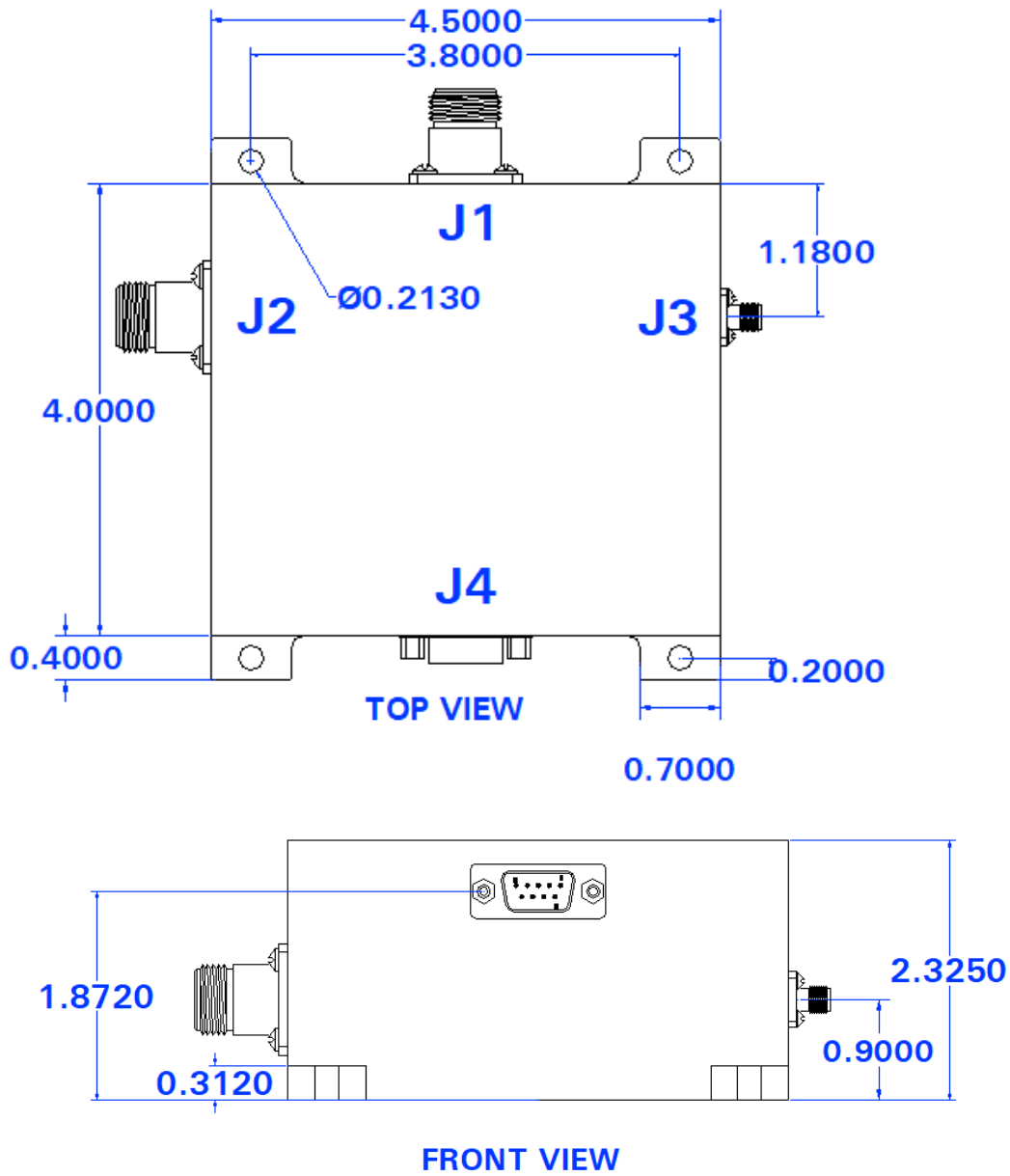


Fig. Mechanical dimension of the T/R PIN diode switch.