

# VDS1706 Receiver Protector



## Typical Performance:

- Frequency Range: 2.7 – 2.9 GHz
- Power: 150 kW peak
- Duty Cycle: 0.01 max
- Pulswidth: 10  $\mu$ S max
- VSWR: 1.40:1 max
- Insertion Loss: 0.5 dB max
- Passive Leakage:
  - Flat Power: < 100 mW
  - Spike Power: < 250 mW
- Recovery Time (1 dB): 1.5 $\mu$ S max
- Isolation when Gate applied: 20 dB min

## Description:

S-Band high power passive receiver protector with integral 20 dB gate. This unit also incorporates a BITE circuit which gives a fault indication in the event of high leakage power or a diode failure.

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