

# VDA1523 Switch / Limiter



## Description:

**Ka-Band, all solid state, SPST receiver protector; also has some passive limiting capability.**

## Features:

- **Frequency: 34.5 to 35.5 GHz**
- **Active Power Handling:**
  - 150 W peak at 0.12 duty cycle, 16 uS pulse
- **Passive Power Handling:**
  - ◆ 400 W peak, .001 duty, 0.2 uS pulse
  - ◆ 80 W peak, 0.20 duty, 16 uS pulse
- **Insertion Loss: 1.6 dB max**
- **VSWR: 1.4:1 max**
- **Flat Leakage: 75 mW max**
- **Spike Leakage: 0.5 W max**
- **Switching Time (on): 0.15 uS max**
- **Recovery Time: 0.6 uS max**
- **WG: WR28**
- **WG Pressure: 45 PSIA max**
- **Switch Control: TTL**
- **Bias Supplies:**
  - ◆ +5V @ 260 mA max
  - ◆ -15V @ 20 mA max

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