

# VLA1761 Filter Limiter Attenuator



## Description:

**Ka-Band all solid state multifunction component consisting of a bandpass filter, passive limiter, and 70 dB attenuator.**

## Features:

- **Frequency:** 33.1 to 33.3 GHz
- **Input Power:** Up to 10 W peak @ .025 duty cycle
- **Maximum Pulswidth:** 200 nS
- **Insertion Loss:** 3.5 dB max
- **VSWR:** 1.5:1 max
- **Flat Leakage:** 20 mW max
- **Spike Leakage:** 100 mW max
- **Recovery Time:** 10 uS max
- **Attenuator:** 0 to 70 dB
- **Attenuator Control:** 0 to 50 mA
- **Filter Characteristics:**
  - Passband Ripple: 0.25 dB max
  - 3 dB BW:  $\pm 200$  MHz min.
  - 40 dB BW:  $\pm 1$  GHz min.

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