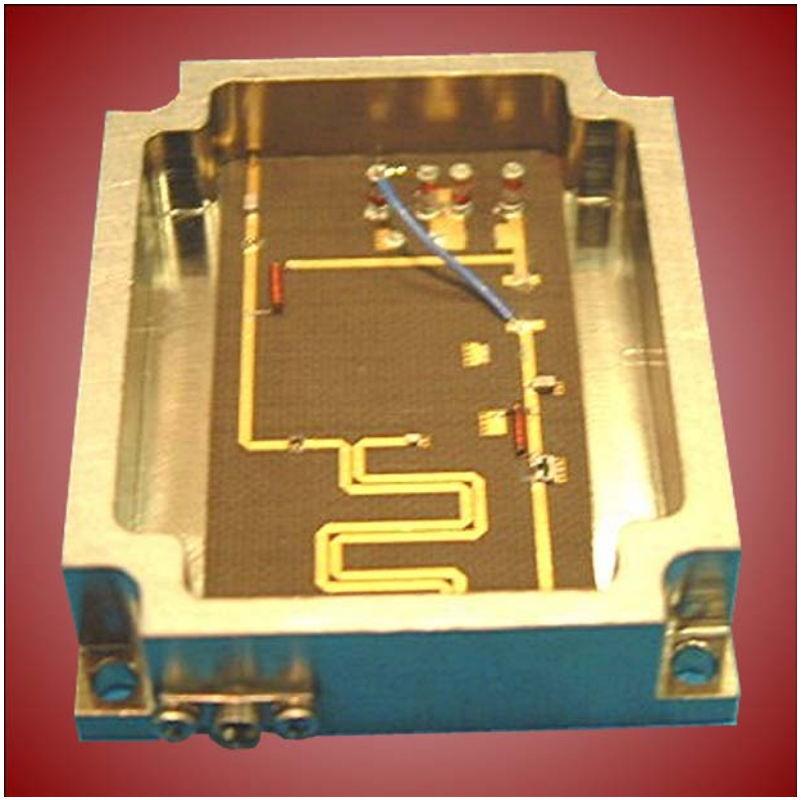
Integrated Circuits

# VLL1790 L-Band Passive Limiter



## Features:

- **Freq. Range: 1.2 to 1.4 GHz**
- **Input Power: 100 W peak max**
- **Pulsewidth: 100 µSec max**
- **Duty Cycle: 10% max**
- **Insertion Loss:**
  - **P < 125 mW: 1.0 dB max**
  - **P = 125 mW: 1.1 dB max**
- **Return Loss: 17.7 dB min**
- **Peak Leakage: 1 W max**
- **Recovery Time: 2 µS max**
- **DC Blocks included**
- **Power Supply: -8 VDC @ 5 mA max**
- **RF Connectors: GPPO**
- **Operating Temperature: 0 to 60° C**

## Description:

**The VLL1790 is an L-Band passive diode limiter which remains in the low loss state for power levels up to 125 mW peak.**

150 Sohier Road
Beverly, Massachusetts 01915

Communications & Power Industries

Phone: 978-922-6000 Fax: 978-922-2736
E-Mail: marketing@bmd.cpii.com
Internet: www.cpii.com/bmd