The VLL1871 is a multi-function component consisting of 3 elements: a 40 dB SPST switch, a passive limiter, and a 20 dB directional coupler. All RF ports are coupled through DC blocks.

With a history of producing high quality products, we can help your with limiter.

Contact us at BMDMarketing@cpii.com or at call us at +1 978-922-6000.

FEATURES:
• Frequency range: 1070 – 1110 MHz
• RF Input power: 1 Watt CW max
• Insertion loss: 0.5 dB max
• Return loss: 20 dB min
• Switched attenuation: 40 dB min
• Switching speed: 1 μS max
• Passive limiter leakage:
  - Spike power: 500 mW max
  - Flat power: 40 mW max
• Recovery time: 100 nS max
• Directional coupler: 20 ± 0.5 dB
• Coupler directivity: 20 dB min
• RF & DC Connectors: 0.76 mm Tab
• DC Supply: + 3.3 V @ 50 mA max
• Control Input: Single ended LVDS logic

BENEFITS:
• Integral directional coupler
• Active/passive capability

APPLICATIONS:
• Specification variations available for various market uses