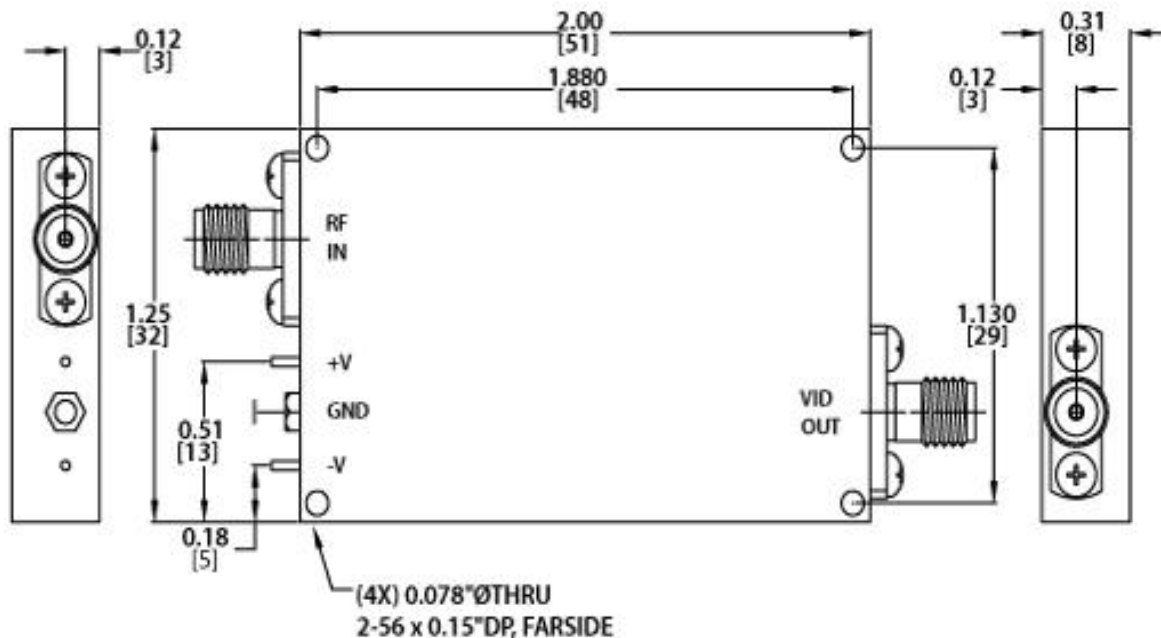


SDL-18G27G-12-50-P is a high performance, high dynamic range DLVA with smart size, which ensures itself could be used in various receiving applications. Main features as listed:

- 1). frequency range: 17G~27G
- 2). dynamic range -70 to +0dBm
- 3). logging slop: 50mV/dB, or consult factory if customize
- 4). compact size

Mechanical Outline:




Specifications:

Frequency: 18 to 27GHz
 Dynamic Range: -70 to 0 dBm
 Max input WO damage: +12dBm
 Rise time: 9nsec typ 12nsec max
 Fall time: 12nsec typ 20nsec max
 Recover time: 80nsec max
 Input VSWR: 2.5:1 max
 Log slope: 50mV/dB (or consult factory if customize)
 Log Accuracy: ±1.5dB max
 Load Impedance: 100ohm
 Power supply : 350mA @ +12V 100mA @ -12V
 TSS: -72dBm max
 Pulse Reponse: 25nsec to 100us
 Baseline noise: 20mV RMS
 DC offset: 100±50mV
 Connector: SMA female
 Material: stainless steel
 Finish: gold plating

Environmental Ratings:

Temperature: -40°C to +80 °C Operating
 -65 °C to +100 °C Non-Operating
 Vibration: MIL-STD-810F, Method 514.5 Cond. B
 Altitude: MIL-STD-202F, Method 105C Cond. B
 Temperature Cycle: MIL-STD-202F, Method 107D Cond. A

| SDL-18G27G-12-50-P | | |
|--------------------|-----------------------------|-----------------------------|
| DRAWN: | REV CODE : 152221 | SCALE : N / A |
| CHECKRD: | DATE: 12/01/13 | SIZE: A |
| ISSUED: | DWG NO.: | SHEET : 1 OF 1 |



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