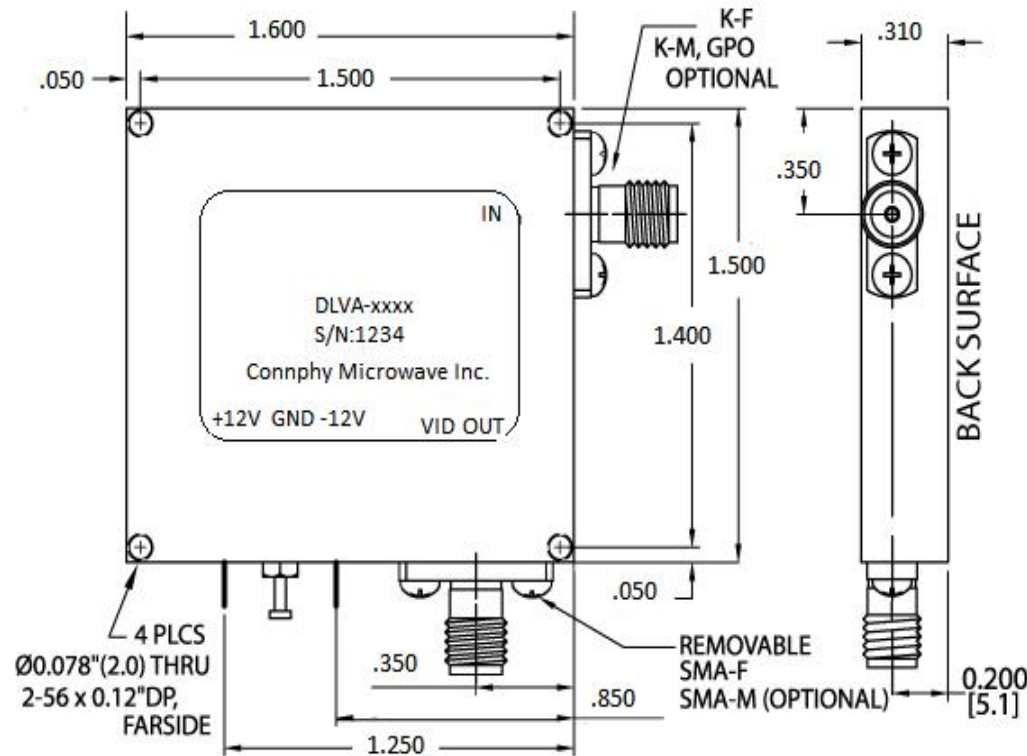


**DLVA-18G40G-15-50** is a high performance, high dynamic range DLVA with smart size, which ensures itself could be used in various receiving applications.

**Features:**

- Frequency range: 18G~40G, wide band
- Dynamic range -63 to +2dBm
- Logging slop: 50±4mV/dB, or consult factory if customize

**Mechanical Outline(Inch):**




**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

**Specifications:**

- Frequency: 18 to 40GHz
- Dynamic Range: -63 to 2 dBm
- Max input WO damage: +15dBm
- Rise time: 15nsec typ 25nsec max
- Recover time: 300nsec max
- Input VSWR: 2.5:1 typ
- Log slope: 50±4mV/dB (or consult factory if customize)
- Log Accuracy: ±1.3dB typ, ±2.0 max
- Load Impedance: 100ohm
- Power supply : 260mA @ +12V 80mA @ -12V
- TSS: -65dBm
- Pulse Reponse: 50nsec to CW
- Output noise level: 50mV RMS(75mV PP) max
- Connector: 2.92 female
- Material: stainless steel
- Finish: gold plating
- Remark: Heat sink or airflow required to control temperature raise.

DLVA DLVA-18G40G-15-50			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@connphy.com">sales@connphy.com</a>
CHECKRD:	DATE: 12/01/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.