

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
			APPROVED
	-	ORIGINAL RELEASE	9/28/09

Description:

Low Noise Amplifier designed for Military and Industrial applications. This amplifier is supplied in our standard PE2 housings in a cascade layout that can be used as a SMA connectorized or a surface mount component. Other packages and connector types are available.

This model provides the following performance. Data is available upon request.

Specifications:

- Frequency Range:

Gain:

Gain Flatness:

Noise Figure:

OP1dB:

VSWR Input/Output:

DC Voltage Supply:

DC Current Draw:
- 11.0 to 12.0 GHz

60dB Typ.

+/-0.75dB Max.

3.5dB Typ.

19dBm Min.

2.0:1 Max.

+12 to +15VDC

475mA Max.

Features:

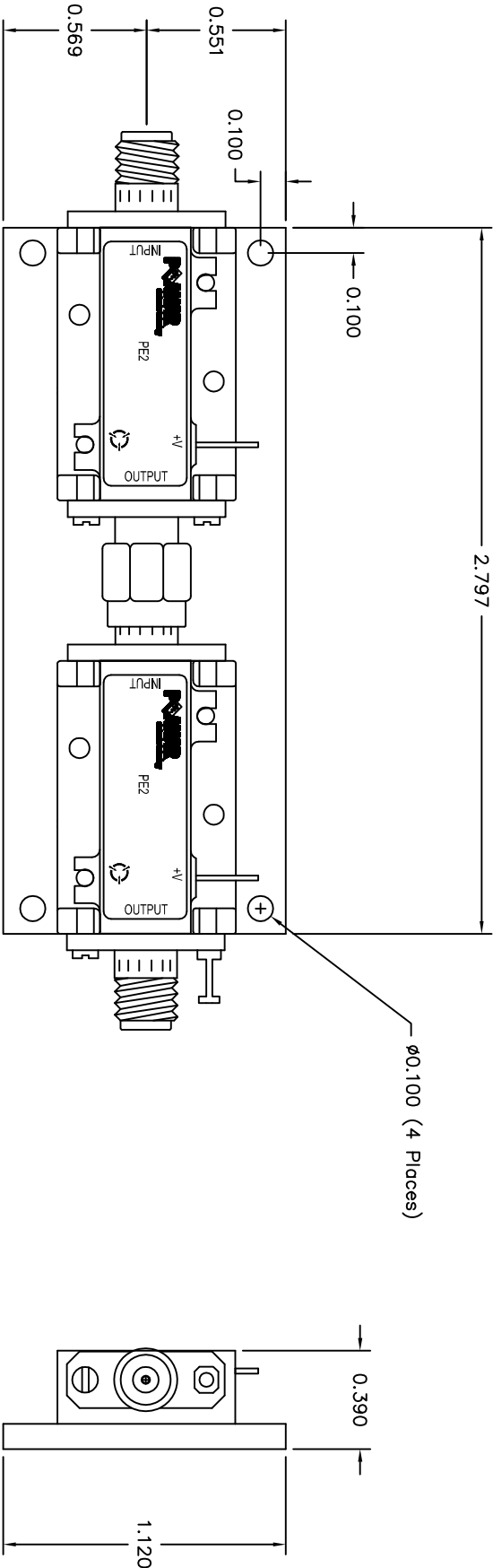
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

Available Options:

- Various Package types
- Various Connector types
- Temperature Compensation
- Hermetic Sealing
- Gain and Phase Matching
- MIL-STD-883 Screening Available

Environmental Ratings:

- Temperature: -20 to +70 Deg. C (Operating) ; -55 to +85 Deg C Available)
- 55 to +125 Deg. C (Storage)
- Humidity: MIL-STD-202F, METHOD 103B COND B.
- Shock: MIL-STD-202F, METHOD 213B COND B.
- Altitude: MIL-STD-202F, METHOD 105C COND B.
- Temperature Cycle: MIL-STD-202F, METHOD 107D COND A
- Note: The above specifications are subject to change or revision.



PART NO.		DATE		TITLE	
APPROVALS		9/28/09		PRODUCT FEATURE	
MATERIAL:		DRAWN		PE2-60-11G12G-3R5-21-12-SFF-WEB	
6061-T6 Aluminum		K. Mason		DWG NO.	
FINISH:		CHECKED		WEB - MODEL	
Gold Plate over Nickel		ISSUED		REV.	
DO NOT SCALE DRAWING				SCALE N/A	

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

FRACTIONS DECIMALS ANGLES

± ± ±

.XXX ± 0.005