

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:
- 12.0 to 18.0 GHz

60dB Typ.

+/-1.5dB Max.

4.0dB Typ.

12dBm Min.

2.0:1 Max.

+12 to +15VDC

325mA Max.

Features:

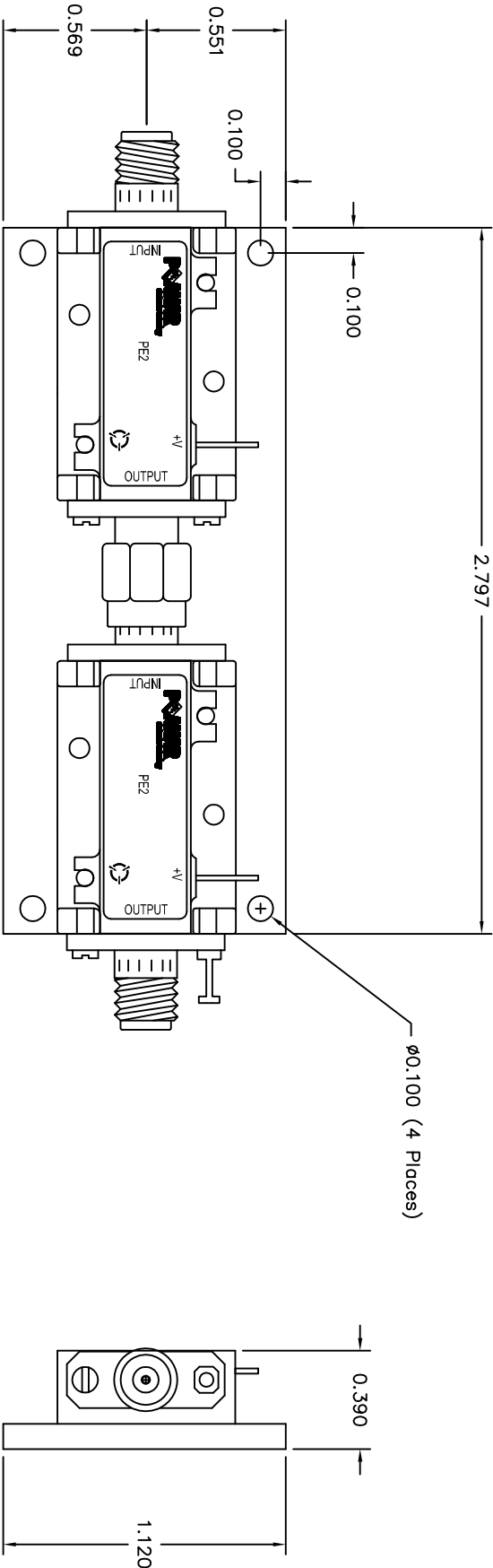
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

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.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.010 ± .XXX ± 0.005		PART NO.		DATE		TITLE	
		APPROVALS		9/28/09		PRODUCT FEATURE	
MATERIAL: 6061-T6 Aluminum		DRAWN K. Mason				PE2-60-12R018R0-4R0-14-12-SFF-WEB	
FINISH: Gold Plate over Nickel		CHECKED				SIZE B 1LK53	
DO NOT SCALE DRAWING		ISSUED				DWG NO. WEB - MODEL	
						SCALE N/A	
						SHEET 1 OF 1	

5715 Industry Lane, Unit 11
FREDERICK, MARYLAND