

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:
- 8.0 to 12.0 GHz

60dB Typ.

+/-1.0dB Max.

2.5dB Typ.

13dBm Min.

2.0:1 Max.

+12 to +15VDC

320mA Max.

Features:

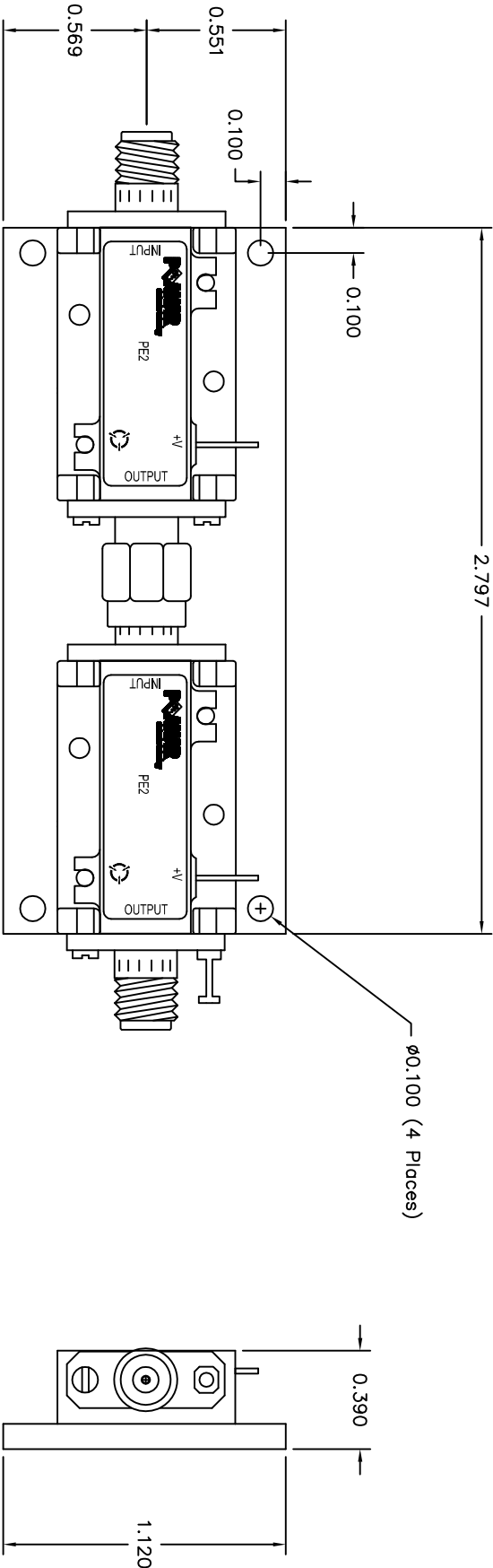
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

Available Options:

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

Environmental Ratings:

- Temperature:
- Humidity:
- Shock:
- Altitude:
- Temperature Cycle:
- Note: The above specifications are subject to change or revision.



PART NO.		DATE		TITLE	
APPROVALS		9/28/09		PRODUCT FEATURE	
MATERIAL:		DRAWN		5715 Industry Lane, Unit 11	
6061-T6 Aluminum		K. Mason		FREDERICK, MARYLAND	
FINISH:		CHECKED		PE2-60-8R012R0-2R5-15-12-SFF-WEB	
Gold Plate over Nickel		ISSUED		SIZE	
DO NOT SCALE DRAWING				B 1LK53	
				DWG NO.	
				WEB - MODEL	
				REV.	
				A	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± .XX ± 0.010 ±
.XXX ± 0.005