

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	1	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:
- 1.0 to 4.0 GHz

60dB Typ.

+/-1.25dB Max.

4.5dB Typ.

13dBm Min.

2.0:1 Max.

+12 to +15VDC

280mA Max.

Features:

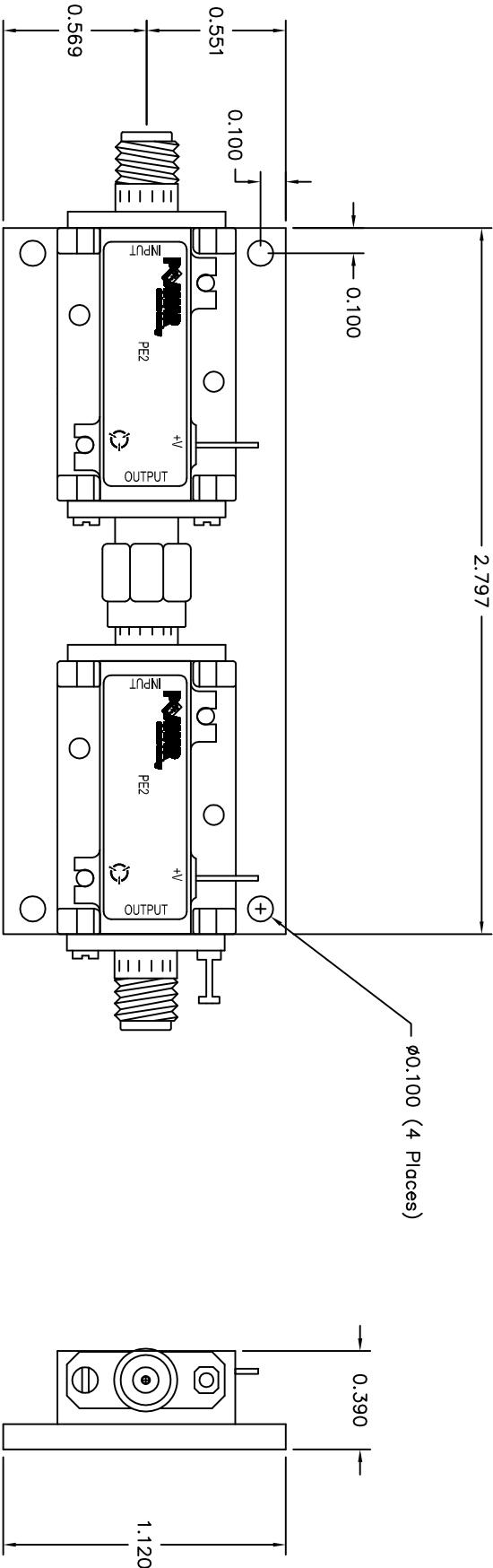
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

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)
- 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.		APPROVALS		DATE		DRAWN		K. Mason		9/28/09		CHECKED		ISSUED	
		MATERIAL:		6061 - T6 Aluminum		FINISH:		Gold Plate over Nickel		DO NOT SCALE DRAWING					
 5715 Industry Lane, Unit 11 FREDERICK, MARYLAND		PRODUCT FEATURE										TITLE		PE2-60-1R04R0-4R5-15-12-SFF-WEB	
		SIZE		CAGE CODE		DWG NO.		WEB - MODEL		REV.		B		1LK53	
		SCALE		N/A		SHEET		1 OF 1							