

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:
- 4.0 to 5.0 GHz

60dB Typ.

+/-0.75dB Max.

2.0dB Typ.

19dBm Min.

2.0:1 Max.

+12 to +15VDC

425mA Max.

Features:

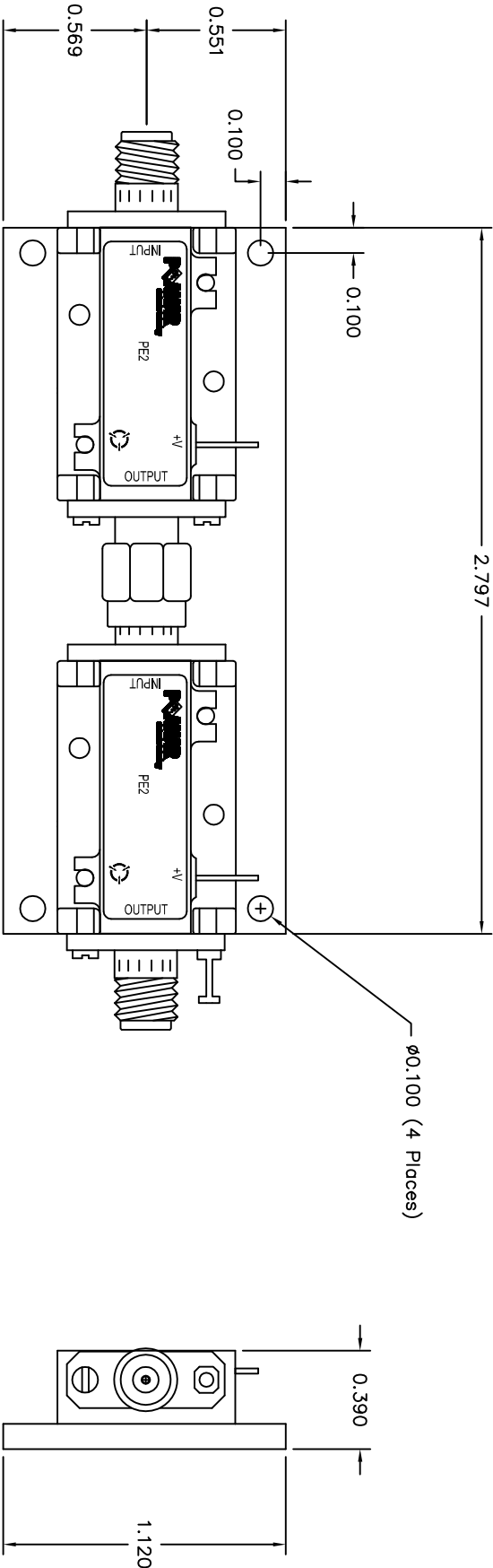
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

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.	APPROVALS		DATE	TITLE	PRODUCT FEATURE			
	DRAWN	CHECKED			SIZE	DATE CODE	DWG NO.	REV.
	K. Mason		9/28/09		B	1LK53	WEB -	A
MATERIAL: 6061-T6 Aluminum					PE2-60-4R05R0-2R0-21-12-SFF-WEB			
FINISH: Gold Plate over Nickel					MODEL			
DO NOT SCALE DRAWING					SHEET 1 OF 1			

5715 Industry Lane, Unit 11
FREDERICK, MARYLAND