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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.

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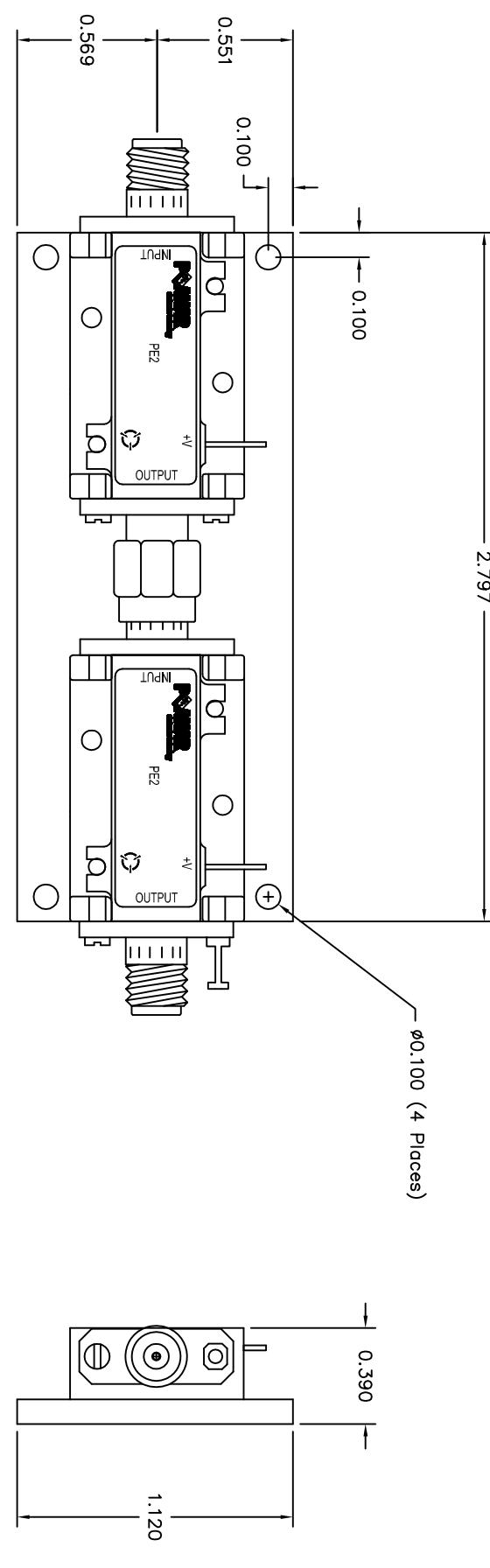
This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range:	2.0 to 12.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-1.25dB Max.
Noise Figure:	4.0dB Typ.
OP1dB:	13dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	280mA Max.

Features:

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



B

Available Options:

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

C

Environmental Ratings:

Temperature: -20 to +70 Deg. C (Operating); -55 to +85 Deg C Available

-55 to +125 Deg. C (Storage)

MIL-STD-202F, METHOD 103B COND B.

MIL-STD-202F, METHOD 213B COND B.

MIL-STD-202F, METHOD 105C COND B.

Altitude: MIL-STD-202F, METHOD 105C COND A

Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

Note: The above specifications are subject to change or revision.

A

Humidity:

Shock:

Altitude:

Temperature Cycle:

MIL-STD-202F, METHOD 107D COND A

Note: The above specifications are subject to change or revision.

PART NO.		APPROVALS		DRAWN		APPROVED		DATE		REVISIONS	
PE2-60-2R012R0-4R0-15-12-SFF-WEB		K/Mason		9/28/09		PROD		9/28/09		5715, Industry Lane, Unit 11 FREDERICK, MARYLAND	
MATERIAL:	6061-T6 Aluminum	FINISH:	Gold Plate over Nickel	ISSUED		SIZE	1LK53	WEB	MODEL	REV.	
DO NOT SCALE DRAWING		DRAWN CODE		Dwg. No.		SHEET		A		N/A	
										1 OF 1	

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B

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