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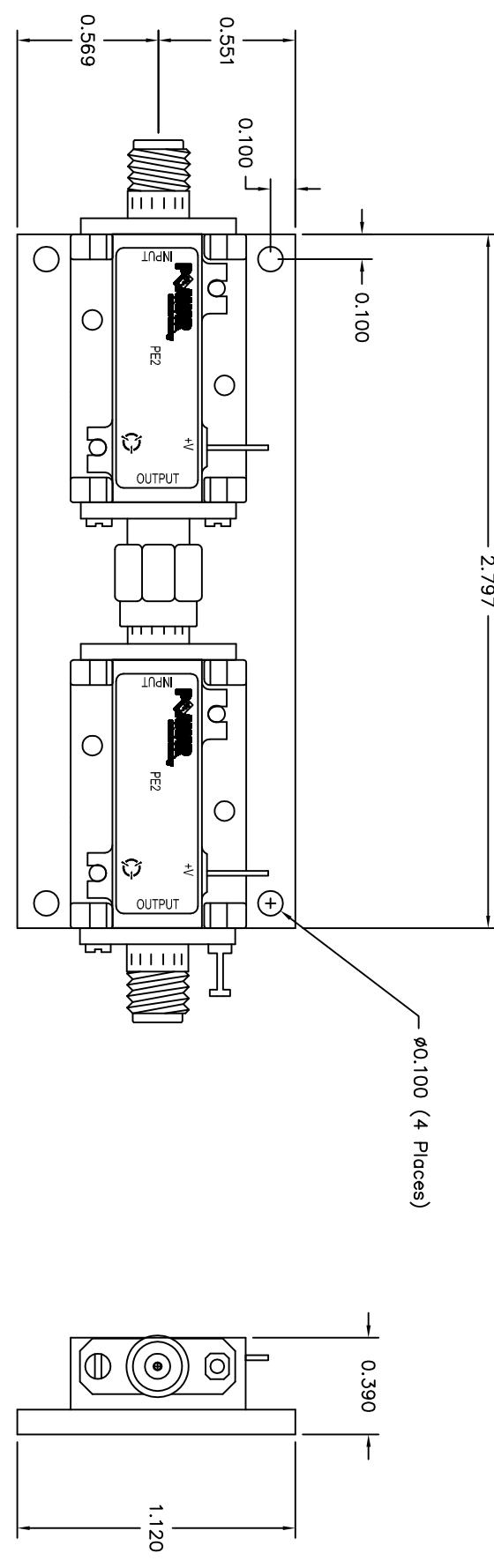
This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range:	12.0 to 13.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-1.0dB Max.
Noise Figure:	3.25dB Typ.
OP1dB:	12dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	325mA Max.

Features:

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



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Available Options:

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

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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.

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

Shock: 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

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

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

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PART NO.		APPROVALS		DRAWN		CHECKED		TITLE		PRODUCT FEATURE		ISSUED		SIZE		CODE		Dwg. NO.		WEB - MODEL		REV.	
PE2-60-12G13G-3R25-14-12-SFF-WEB		K/Mason		9/28/09		PE2-60-12G13G-3R25-14-12-SFF-WEB		5715 Industry Lane, Unit 11		FREDERICK, MARYLAND		Gold Plate over Nickel		B		1LK53		WEB		A			
Do Not Scale Drawing														SCALE N/A						SHEET 1 OF 1			
8		7		6		5		4		3		2		1									

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