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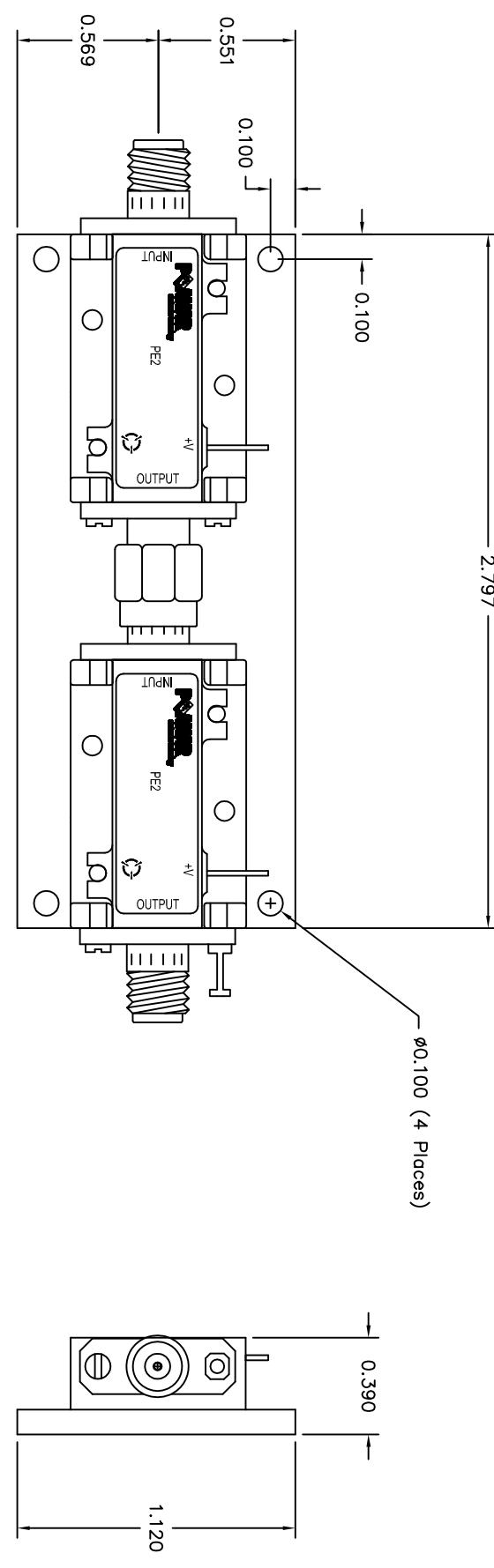
This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range:	15.0 to 16.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-1.0dB Max.
Noise Figure:	3.5dB 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)

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

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

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

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

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

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHESTOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
 \pm .XX ± 0.010 ± .XX ± 0.005

PART NO.	APPROVALS		DRAWN K. Mason 9/28/09	APPROVED K. Mason 9/28/09
	DATE	NAME		
5715	5715	Industry Lane, Unit 11 FREDERICK, MARYLAND		
MATERIAL:	6061-T6	Aluminum		
FINISH:	Gold Plate over Nickel	Do Not Scale Drawing		
ISSUED	B	1LK53	SIZE CAGE CODE B	WEB - MODEL A
			SCALE N/A	REV. 1 SHEET 1 OF 1

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PE2