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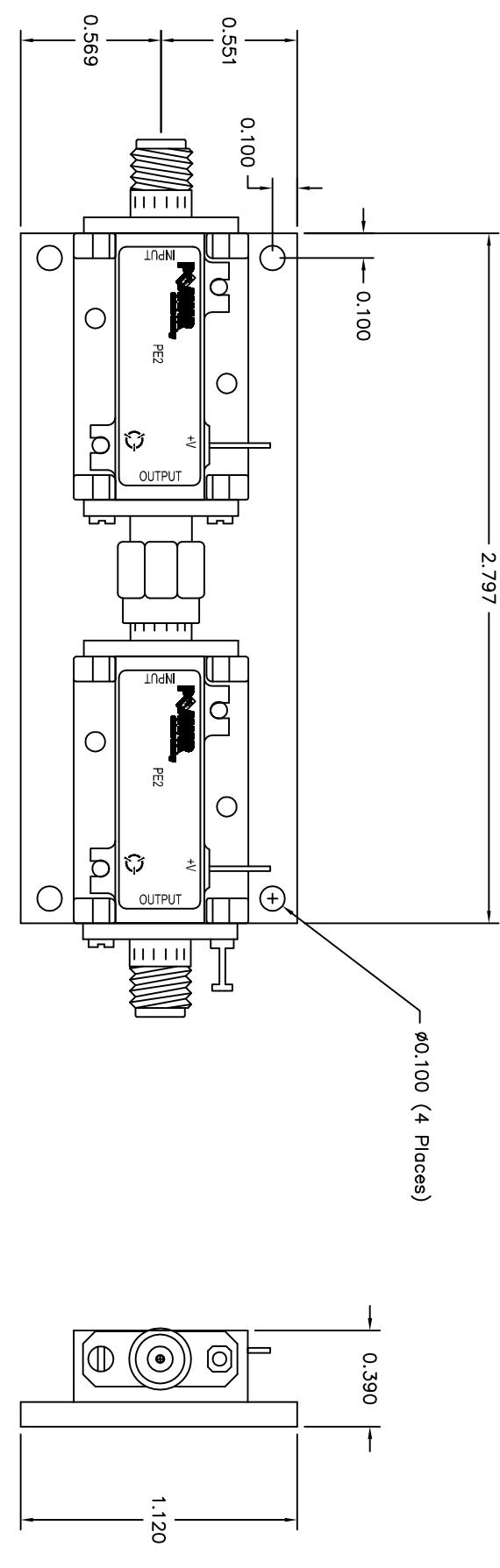
This model provides the following performance. Data is available upon request.

### Specifications:

Frequency Range:	0.5 to 4.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-1.25dB Max.
Noise Figure:	5.0dB Typ.
OP1dB:	20dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	430mA 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)

Humidity:

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

Shock:

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

Altitude:

ML-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.

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		PART NO.		APPROVALS		DRAWN		APPROVED		REV.	
TOLENCES ARE:						K. Mason	9/28/09				
FRACTIONS	DECIMALS										
$\pm$	$.XX \pm 0.010$										
$.XXX \pm 0.005$											
MATERIAL:		DRAWN		APPROVED		TITLE		DATE		REV.	
6061-T6 Aluminum		K. Mason		9/28/09		PRODUCT FEATURE		9/28/09		A	
FINISH:		CHECKED		PE2-60-0R54R0-5R0-22-12-SFF-WEB		ISSUED		DRAFT		REV.	
Gold Plate over Nickel		DRAWN		11K53		CODE		DRAFT		A	
DO NOT SCALE DRAWING		SIZE		N/A		WEB		MODEL		REV.	
SHEET 1 OF 1											

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