

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:
- 13.0 to 14.0 GHz

60dB Typ.

+/- .75dB Max.

3.5dB Typ.

19dBm Min.

2.0:1 Max.

+12 to +15VDC

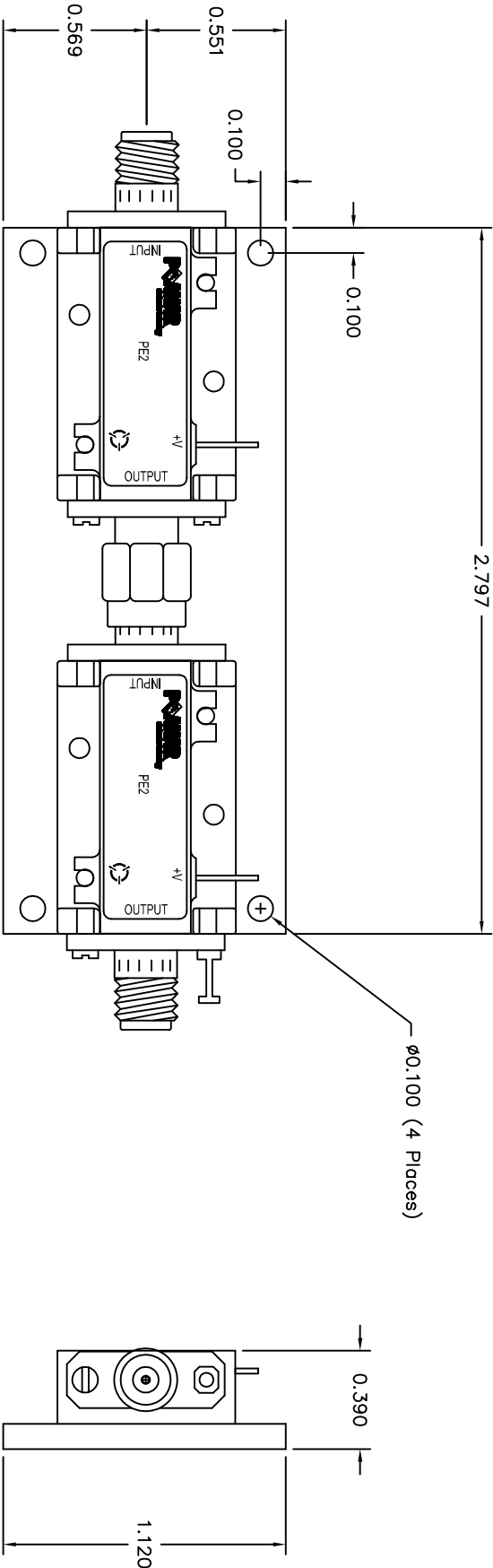
475mA Max.

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:
- Humidity:
- Shock:
- Altitude:
- Temperature Cycle:
- Note:
- 20 to +70 Deg. C (Operating) ; -55 to +85 Deg C Available)
- MIL-STD-202F, METHOD 103B COND B.
- MIL-STD-202F, METHOD 213B COND B.
- MIL-STD-202F, METHOD 105C COND B.
- MIL-STD-202F, METHOD 107D COND A
- 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	5715 Industry Lane, Unit 11 FREDERICK, MARYLAND
	MATERIAL:	DRAWN		9/28/09		
	6061 – T6 Aluminum	K. Mason				
	FINISH:	CHECKED		ISSUED		
Gold Plate over Nickel						
DO NOT SCALE DRAWING						5715 Industry Lane, Unit 11 FREDERICK, MARYLAND
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WEB - MODEL A