

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:
- 7.0 to 8.0 GHz

60dB Typ.

+/-0.75dB Max.

2.5dB Typ.

12dBm Min.

2.0:1 Max.

+12 to +15VDC

300mA Max.

Features:

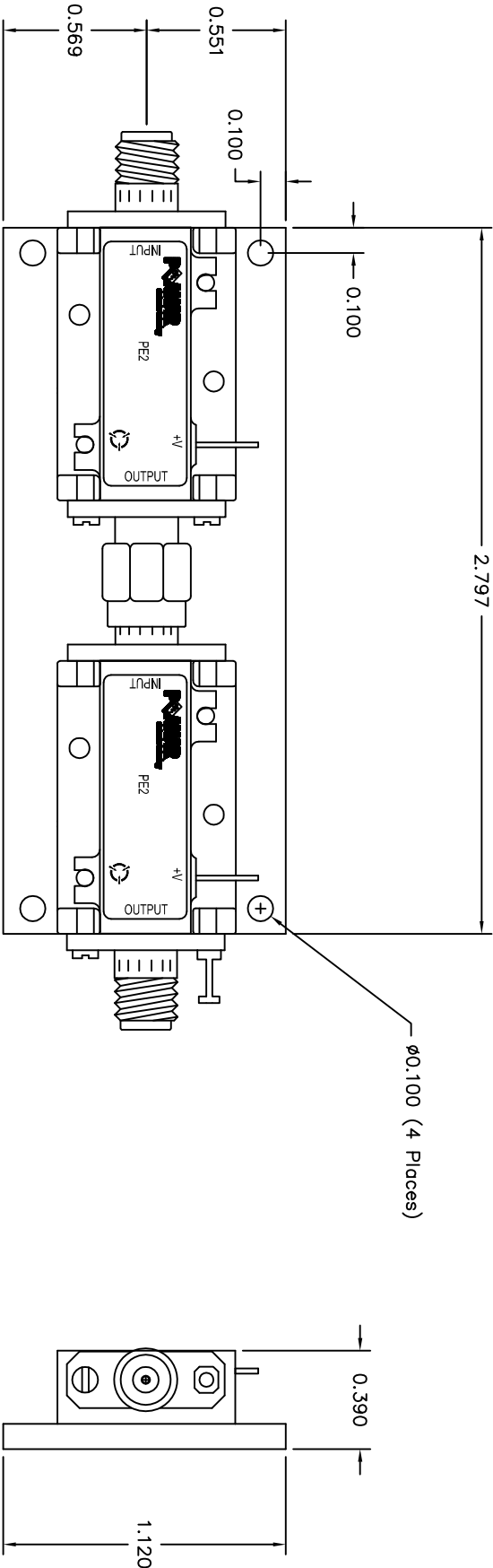
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

Available Options:

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

Environmental Ratings:

- Temperature: -20 to +70 Deg. C (Operating) ; -55 to +85 Deg C Available)
- 55 to +125 Deg. C (Storage)
- Humidity: MIL-STD-202F, METHOD 103B COND B.
- Shock: MIL-STD-202F, METHOD 213B COND B.
- Altitude: MIL-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.



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 	TITLE	PRODUCT FEATURE					
			PE2-60-7R08R0-2R5-14-12-SFF-WEB										
	MATERIAL:		DRAWN		9/28/09			CHECKED	ISSUED	SCALE	N/A	SHEET	1 OF 1
	6061 - T6 Aluminum		K. Mason										
	FINISH:		DO NOT SCALE DRAWING										
Gold Plate over Nickel						SIZE		DWG NO.		REV.			
						B		1LK53		WEB - MODEL		A	