

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:
- 10.0 to 20.0 GHz

60dB Typ.

+/-1.5dB Max.

4.25dB Typ.

12dBm Min.

2.0:1 Max.

+12 to +15VDC

325mA Max.

Features:

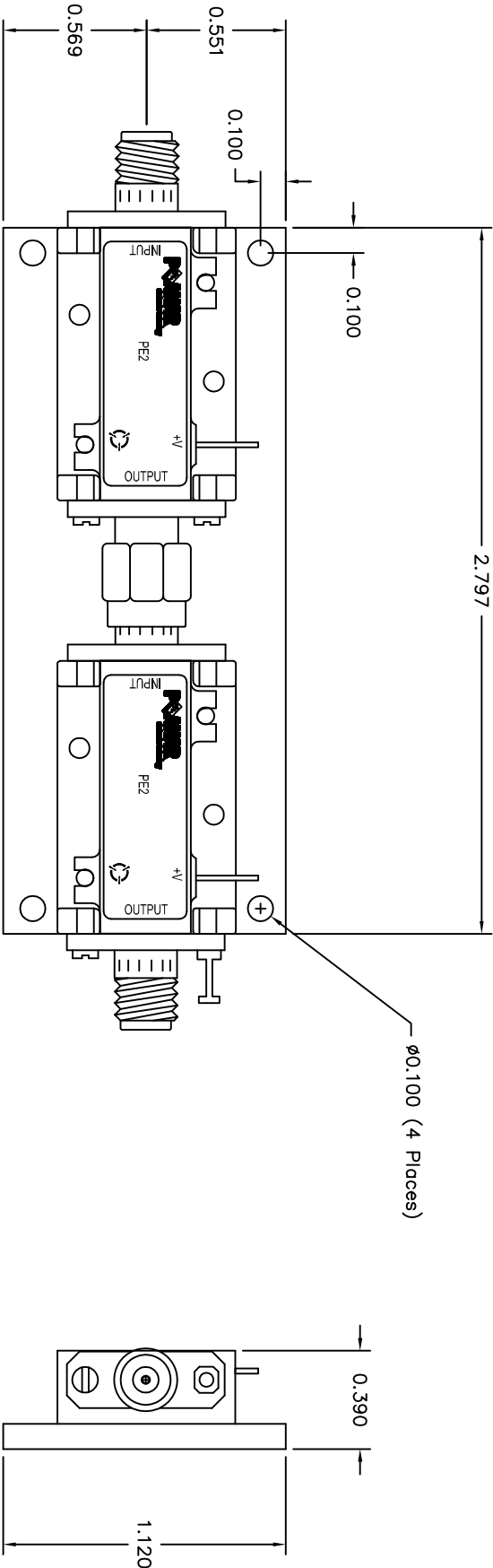
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

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.



PART NO.		DATE		TITLE	
APPROVALS		9/28/09		PRODUCT FEATURE	
MATERIAL:		DRAWN		5715 Industry Lane, Unit 11	
6061-T6 Aluminum		K. Mason		FREDERICK, MARYLAND	
FINISH:		CHECKED		PE2-60-10R020R0-4R0-14-12-SFF-WEB	
Gold Plate over Nickel		ISSUED		SIZE	
DO NOT SCALE DRAWING				B 1LK53	
				DWG NO.	
				WEB - MODEL	
				REV.	
				A	
				SCALE N/A	
				SHEET 1 OF 1	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

FRACTIONS DECIMALS ANGLES  
± .XX ± 0.010 ±  
.XXX ± 0.005

5715 Industry Lane, Unit 11  
FREDERICK, MARYLAND

PRODUCT FEATURE

PE2-60-10R020R0-4R0-14-12-SFF-WEB

SIZE B 1LK53

DWG NO. WEB - MODEL

REV. A

SCALE N/A

SHEET 1 OF 1