

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:
- 2.0 to 20.0 GHz

60dB Typ.

+/-1.5dB Max.

5.0dB Typ.

13dBm Min.

2.0:1 Max.

+12 to +15VDC

280mA Max.

Features:

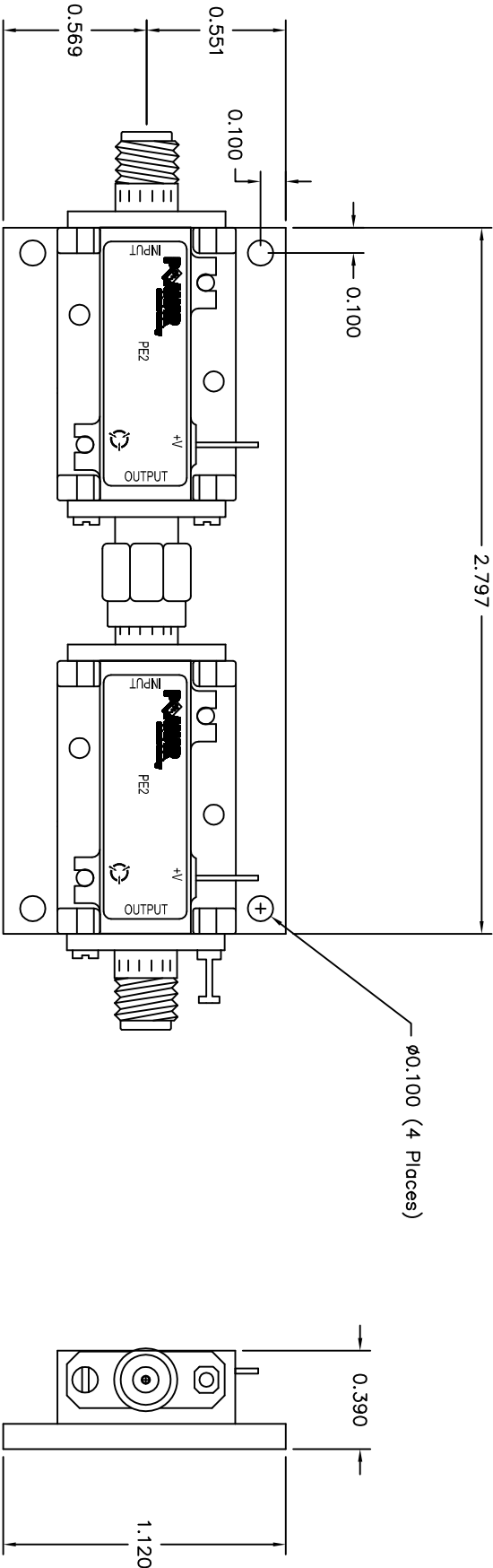
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

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: 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.		DATE		5715 Industry Lane, Unit 11 FREDERICK, MARYLAND			
	APPROVALS				<div><div>11K53</div><div>11K53</div></div>			
	MATERIAL: 6061 – T6 Aluminum		DRAWN K Wilson					
	FINISH: Gold Plate over Nickel		CHECKED		9/28/09		PRODUCT FEATURE PE2-60-2R020R0-5R0-15-12-SFF-WEB	
	DO NOT SCALE DRAWING		ISSUED				SIZE DATE CODE DWG NO. WEB – MODEL REV. B 11K53	