

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	1	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:

0.5 to 2.0 GHz
- Gain:

60dB Typ.
- Gain Flatness:

+/-1.0dB Max.
- Noise Figure:

4.75dB Typ.
- OP1dB:

13dBm Min.
- VSWR Input/Output:

2.0:1 Max.
- DC Voltage Supply:

+12 to +15VDC
- DC Current Draw:

280mA Max.

Features:

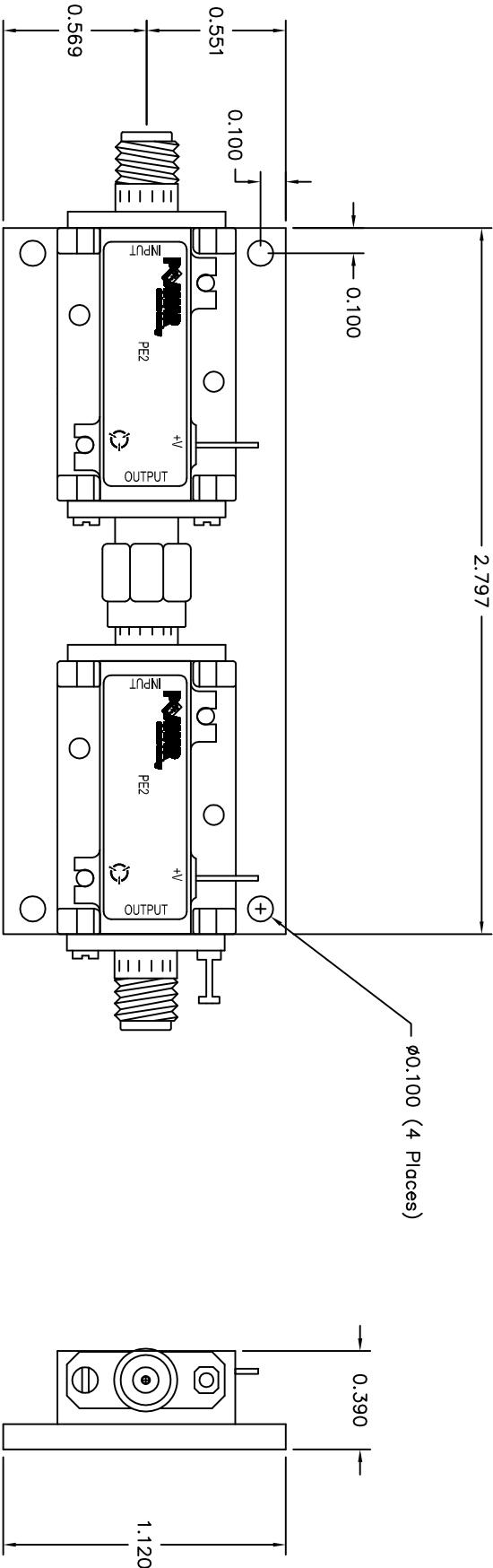
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

Available Options:

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

Environmental Ratings:

- Temperature: -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.		 5715 Industry Lane, Unit 11 FREDERICK, MARYLAND					
APPROVALS				DATE			
MATERIAL:				DATE			
6061 - T6 Aluminum		9/28/09		TITLE		PRODUCT FEATURE	
FINISH:		CHECKED		K. Mason		PE2-60-0R52R0-4R75-15-12-SFF-WEB	
Gold Plate over Nickel		ISSUED				SIZE: 60-0R52R0-4R75-15-12-SFF-WEB	
DO NOT SCALE DRAWING						1LK53	
						SCALE N/A	
						WEB - MODEL	
						REV. A	
						SHEET 1 OF 1	