

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	-	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 8.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-1.25dB Max.
Noise Figure:	5.0dB Typ.
OP1dB:	20dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	430mA Max.

Features:

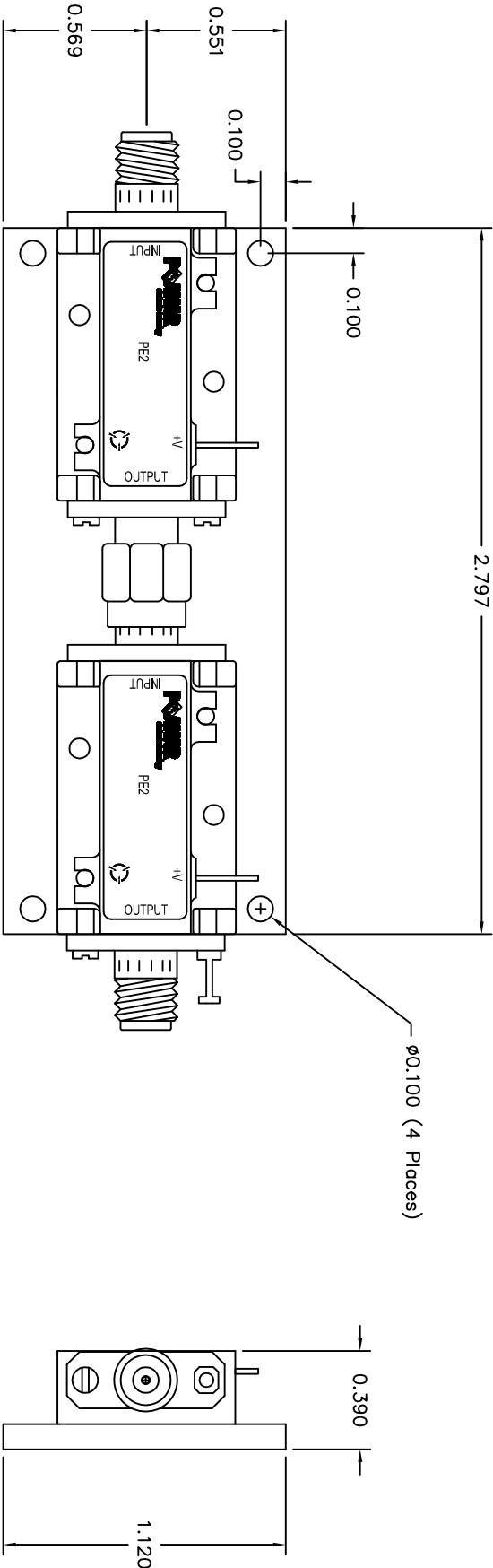
- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

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	
DRAWN K. Mason				PE2-60-0R58R0-5R0-22-12-SFF-WEB	
CHECKED				SIZE B 1LK53	
ISSUED				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

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