

REVISIONS		DATE	APPROVED
ZONE	REV.	2/1/08	
-	-	ORIGINAL RELEASE	

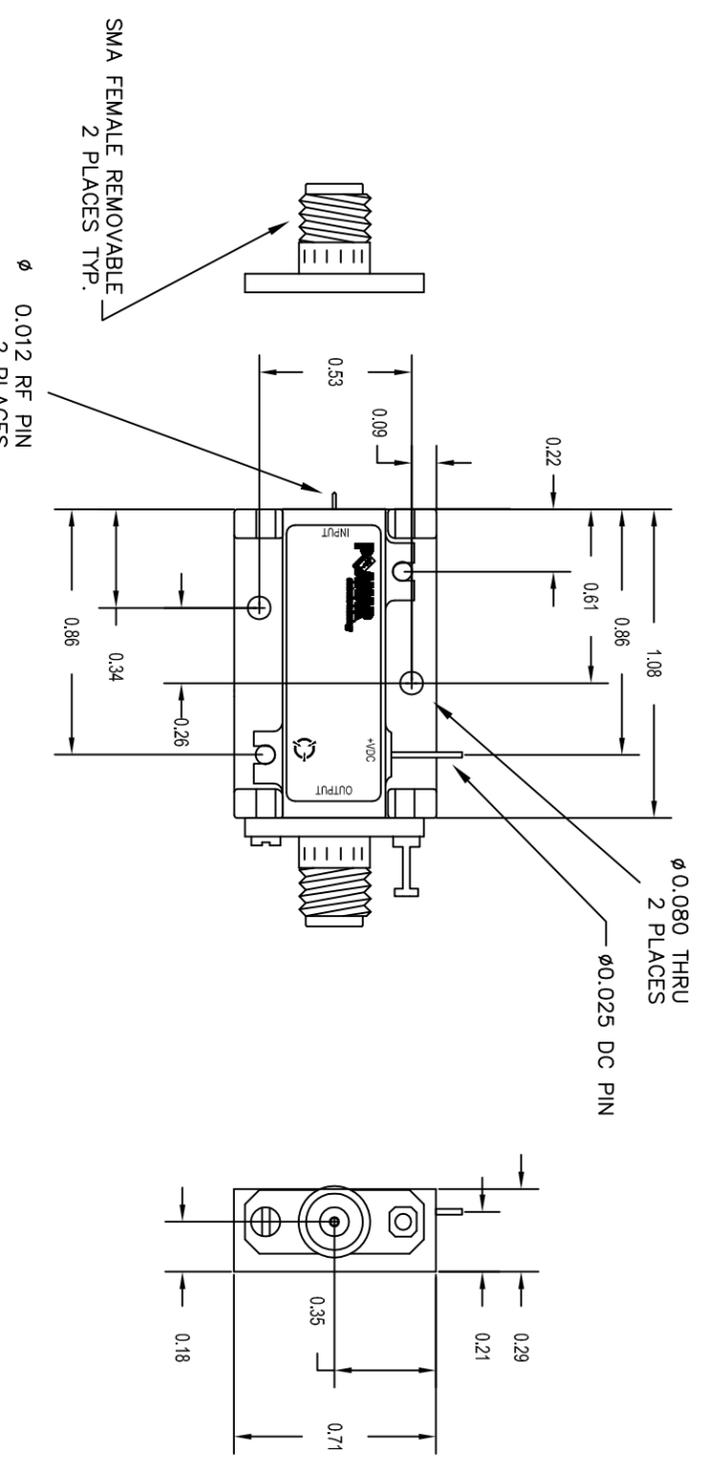
Description:
 Low Noise Amplifier designed for Military and Industrial applications. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component. Other packages and connector types are available.

PE2 HOUSING WITH CARRIER

This model provides the following performance. Data is available upon request.

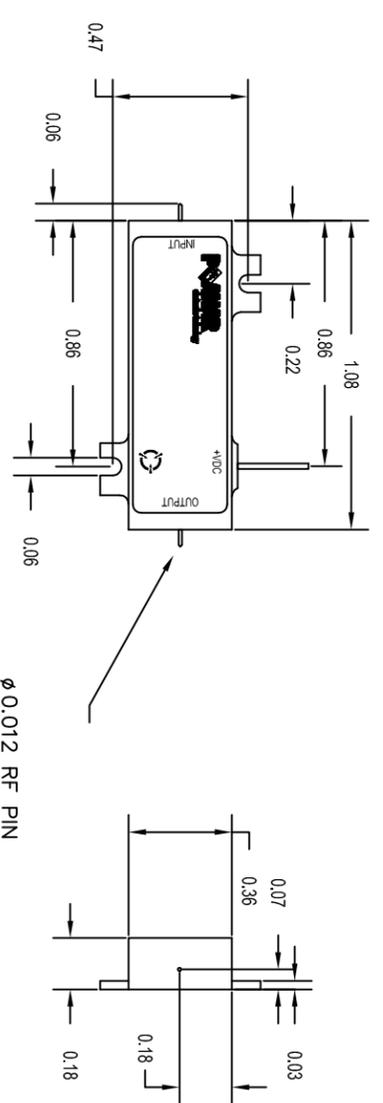
Specifications:

- Frequency Range: 0.5 to 1.0 GHz
- Gain: 15dB Typ.
- Gain Flatness: +/-1.0dB Max.
- Noise Figure: 3.0dB Typ.
- OP1dB: 26dBm Min.
- VSWR Input/Output: 2.5:1 Max.
- DC Voltage Supply: +12 to +15VDC
- DC Current Draw: 300mA Max.



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

PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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
 ± ± ±
 .XXX ± 0.005

PART NO.	APPROVALS	DATE	5715 Industry Lane, Unit 11 FREDERICK, MARYLAND
	DRAWN: K. Mason CHECKED: ISSUED:		
MATERIAL:	PRODUCT FEATURE PE2-15-0R51R0-3R0-26-12-SFF-WEB		
FINISH:	SIZE	DWG NO.	WEB - MODEL
Gold Plate over Nickel	B	1LK53	-
DO NOT SCALE DRAWING	SCALE	N/A	SHEET 1 OF 1