

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

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.

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:
- 0.5 to 6.0 GHz
30dB Typ.
+/-1.0dB Max.
5.0dB Typ.
22dBm Min.
2.0:1 Max.
+12 to +15VDC
325mA Max.

Features:

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

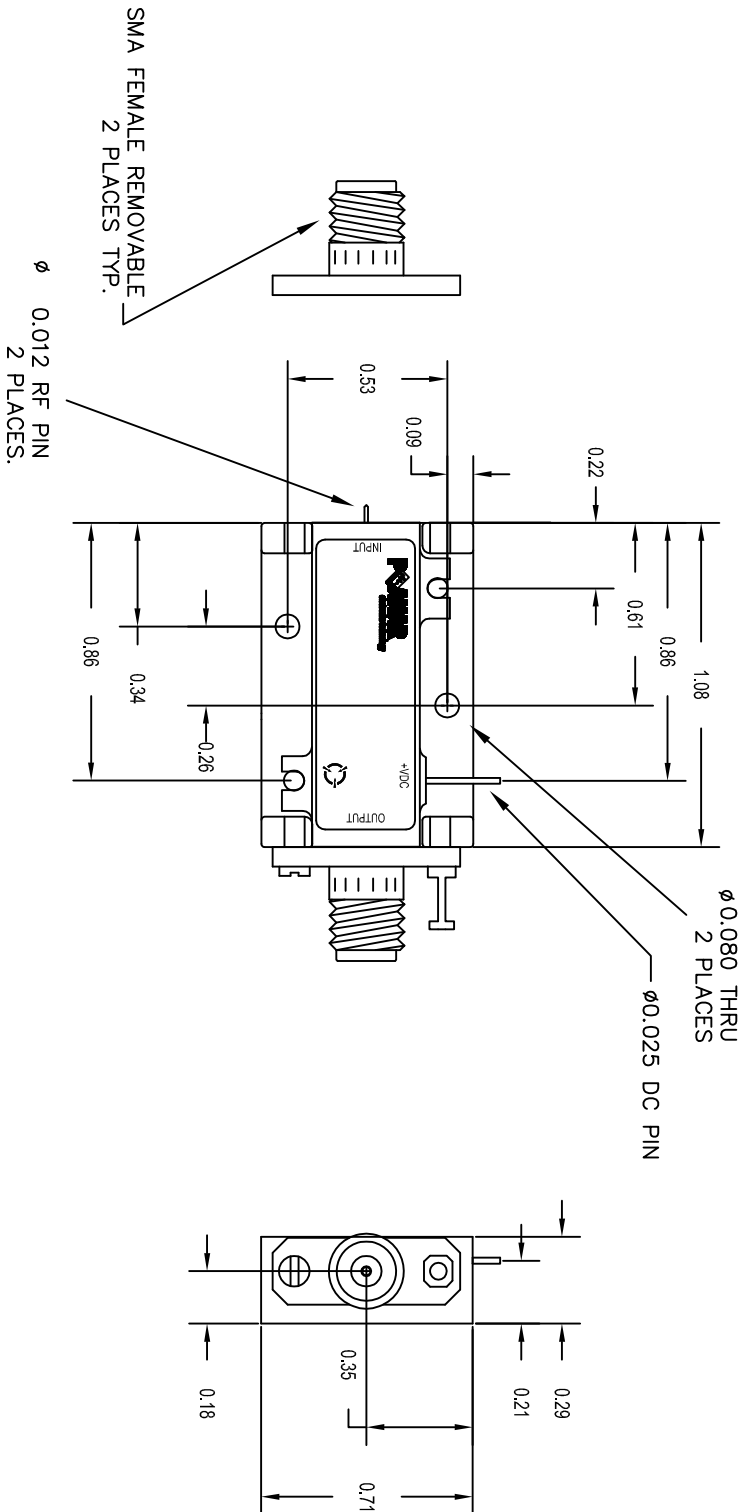
Available Options:

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

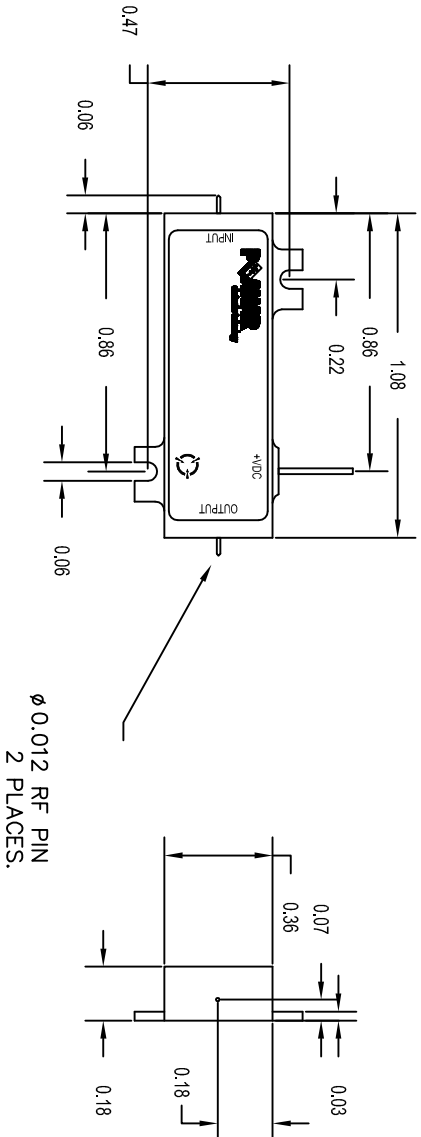
Environmental Ratings:

- Temperature:
Humidity:
Shock:
Altitude:
Temperature Cycle:
- 20 to +70 Deg. C (Operating) ; -55 to +85 Deg C Available)
-55 to +125 Deg. C (Storage)
MIL-STD-202F, METHOD 103B COND B.
MIL-STD-202F, METHOD 213B COND B.
MIL-STD-202F, METHOD 105C COND B.
MIL-STD-202F, METHOD 107D COND A
- Note: The above specifications are subject to change or revision.

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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: 6061 - T6 Aluminum		DRAWN K. Mason		2/21/08			
FINISH: Gold Plate over Nickel		CHECKED					
DO NOT SCALE DRAWING		ISSUED					

5715 Industry Lane, Unit 11
FREDERICK, MARYLAND