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ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	9/28/09	

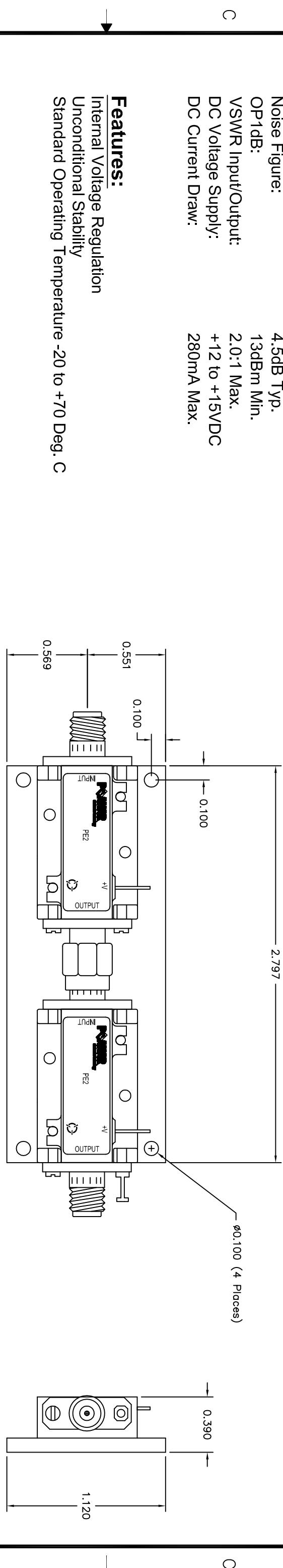
Description:
Low Noise Amplifier designed for Military and Industrial applications. This amplifier is supplied in our standard PE2 housings in a cascade layout that can be used as a SMA connectorized or a surface mount component. Other packages and connector types are available.

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

Specifications:

Frequency Range:	2.0 to 18.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-1.5dB Max.
Noise Figure:	4.5dB Typ.
OP1dB:	13dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	280mA Max.



Available Options:

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

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Environmental Ratings:

Temperature: -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.

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.

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UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

FRACTIONS

DECIMALS

ANGLES

±

.XX ± 0.010

±

.XXX ± 0.005

PART NO.	APPROVALS		DRAWN K. Mason 9/28/09	APPROVED P. Mason 9/28/09
	DATE	NAME		
5715	5715	Industry Lane, Unit 11 FREDERICK, MARYLAND		
MATERIAL:	6061-T6	Aluminum		
FINISH:	Gold Plate over Nickel	Do Not Scale Drawing		

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