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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.

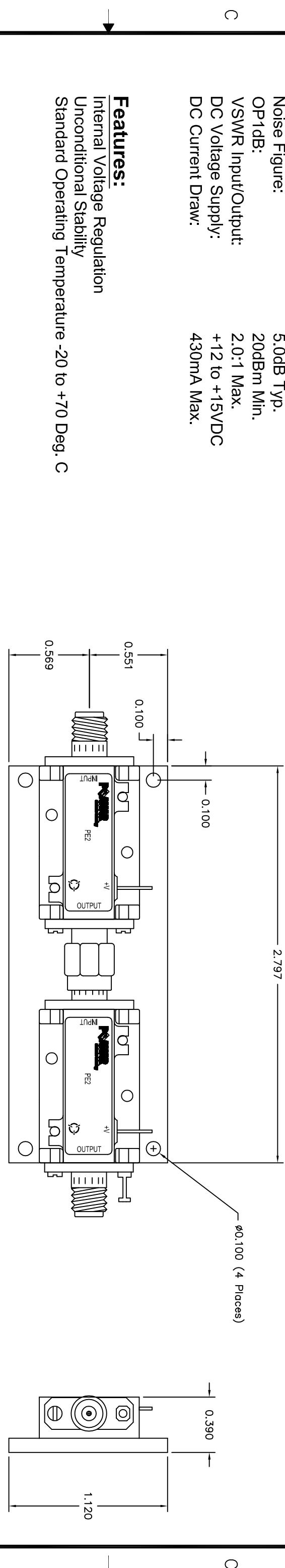
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This model provides the following performance. Data is available upon request.

Specifications:

| | |
|--------------------|-----------------|
| Frequency Range: | 0.25 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. |

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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)

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.

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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 | | PART NO. | | APPROVALS | | DRAWN K. Mason | | DATE 9/28/09 | | MATERIAL: 6061-T6 Aluminum | | CHECKED | | TITLE PRODUCT FEATURE PE2-60-0R258R0-5R0-22-12-SFF-WEB | | REV. A | |
|---|--|---|--|-----------|--|-------------------|--|----------------------------|--|-------------------------------|--|--------------|--|--|--|-----------|--|
| TOLERANCES ARE: FRACTIONS DECIMALS ANGLES | | .XX ± 0.010 .XX ± 0.005 .XX ± 0.005 | | .0005 | | ISSUED | | SIZE CODE B 1LK53 | | DRAW. NO. WEB - MODEL A | | SCALE N/A | | SHEET 1 OF 1 | | | |
| FINISH: Gold Plate over Nickel DO NOT SCALE DRAWING | | | | | | | | | | | | | | | | | |
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