

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	1	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:

Gain:

Gain Flatness:

Noise Figure:

OP1dB:

VSWR Input/Output:

DC Voltage Supply:

DC Current Draw:
- 1.0 to 4.0 GHz

60dB Typ.

+/-1.25dB Max.

4.5dB Typ.

20dBm Min.

2.0:1 Max.

+12 to +15VDC

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:

Humidity:

Shock:

Altitude:

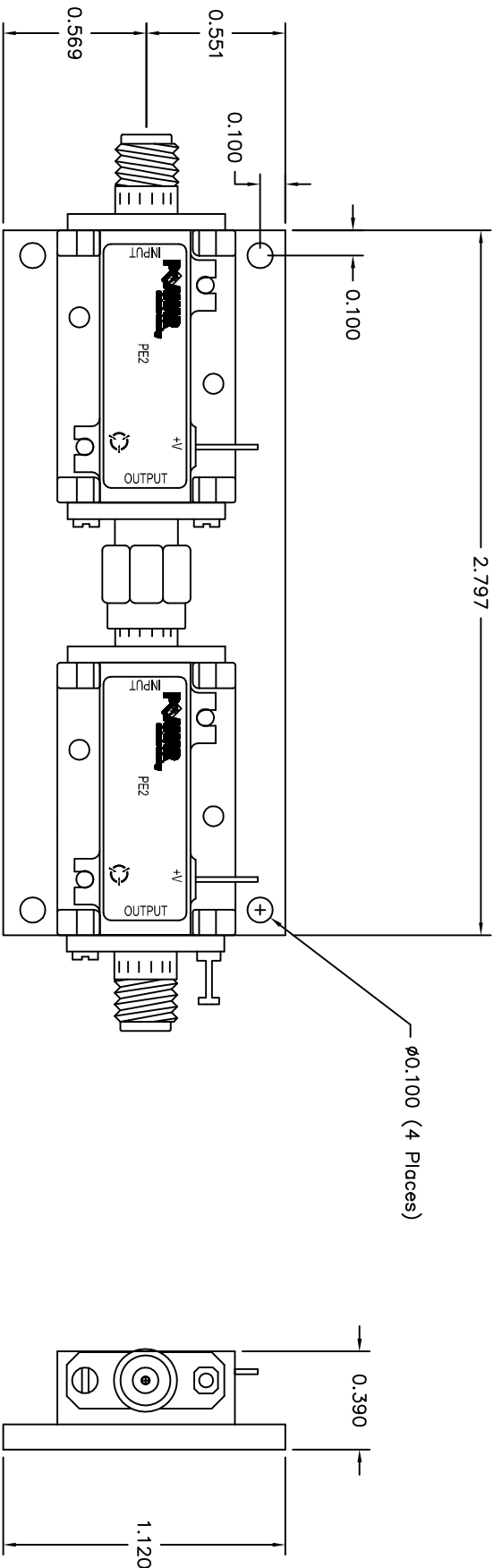
Temperature Cycle:
- 20 to +70 Deg. C (Operating) ; -55 to +85 Deg C Available)

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.



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
 \pm .XX \pm 0.010 \pm
.XXX \pm 0.005

PART NO.	APPROVALS		DATE	TITLE	PRODUCT FEATURE			
	DRAWN	CHECKED			SIZE	CAGE CODE	DWG NO.	WEB
	K. Mason		9/28/09		B	1LK53		MODEL
MATERIAL: 6061-T6 Aluminum					PE2-60-1R04R0-4R5-22-12-SFF-WEB			
FINISH: Gold Plate over Nickel					REV. A			
DO NOT SCALE DRAWING					SHEET 1 OF 1			

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