

REVISIONS				
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.

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

Specifications:

Frequency Range: 1.5 to 2.0 GHz

Gain: 60dB Typ.

Gain Flatness: +/-0.75dB Max.

Noise Figure: 4.25dB Typ.

OP1dB: 13dBm Min.

VSWR Input/Output: 2.0:1 Max.

DC Voltage Supply: +12 to +15VDC

DC Current Draw: 280mA 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-S1D-883 Screening Available

Environmental Ratings:

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

-55 to +125 Deg. C (Storage)

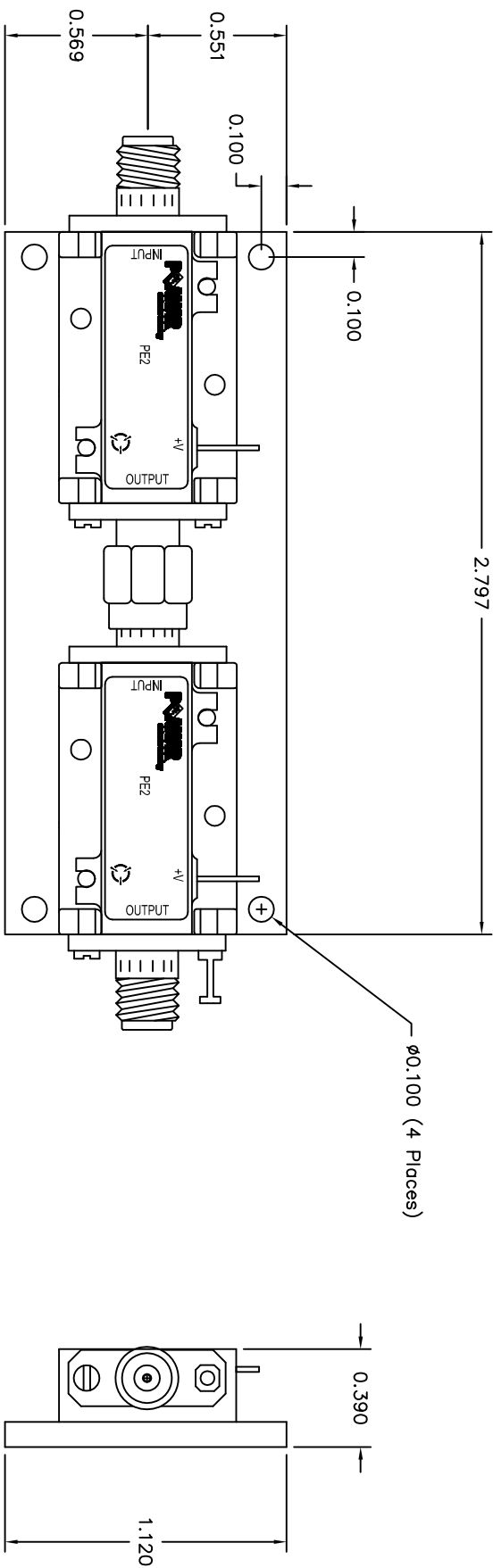
Humidity: MIL-STD-202F, METHOD 103B COND B.

MIL-SID-202f, METHOD 213B COND B

Temperature Cycle: MIL STD 202E METHOD 107D COND A
MIL-STD-202F, METHOD 103C COND B

POLYMERIZATION OF VINYL MONOMERS

Note: The above specifications are subject to change or revision.



PART NO.		 5715 Industry Lane, Unit 11 FREDERICK, MARYLAND	
APPROVALS		DATE	
MATERIAL: 6061 - T6 Aluminum FINISH: Gold Plate over Nickel DO NOT SCALE DRAWING		DRAWN K.Watson CHECKED ISSUED	9/28/09
TITLE		PRODUCT FEATURE PE2-60-1RSR0-4R25-15-12-SFF-WEB	
SIZE	CAGE CODE	DWG NO.	REV.
B	1LK53	WEB - MODEL	A
SCALE	N/A	SHEET	1 OF 1