

REVISIONS			
ZONE	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:	0.25 to 10.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-1.25dB Max.
Noise Figure:	4.75dB 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-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)

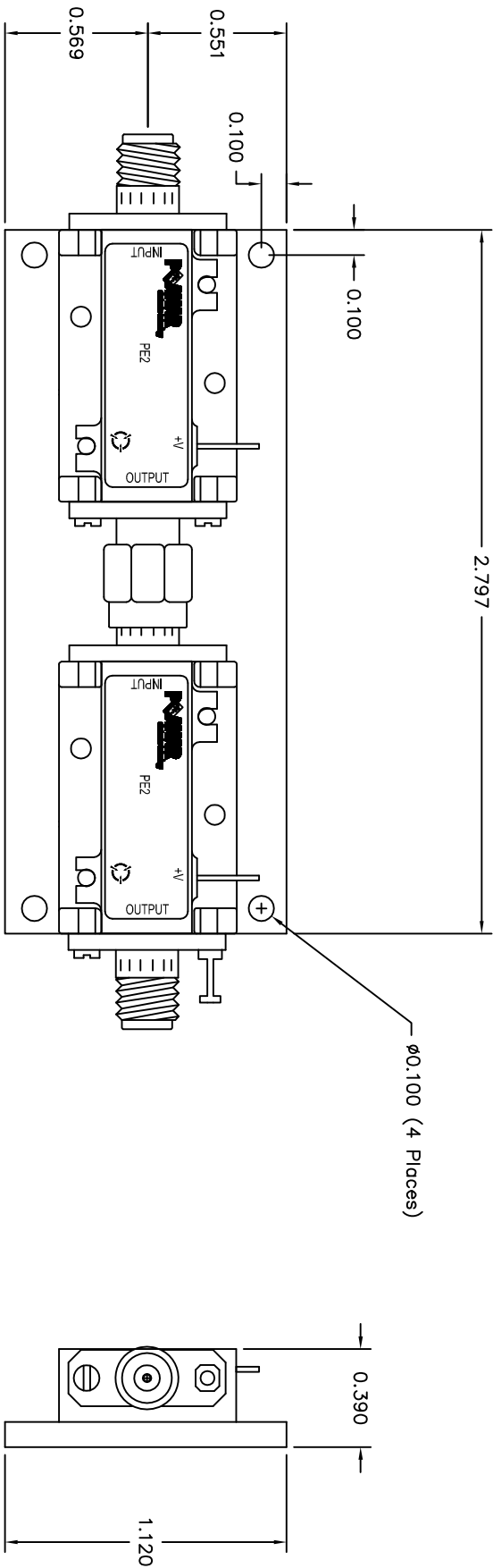
Humidity: MIL-STD-202F, METHOD 103B COND B.

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
TOLERANCES ARE:

FRACTIONS	DECIMALS	ANGLES
±	.XX ± 0.010	±
	.XXX ± 0.005	

PART NO.		PAPER 5715 Industry Lane, Unit 11 FREDERICK, MARYLAND	
APPROVALS	DATE		
MATERIAL: 6061 - T6 Aluminum			
FINISH: Gold Plate over Nickel			
DO NOT SCALE DRAWING			
DRAWN K Wilson	9/28/09	TITLE PRODUCT FEATURE	
CHECKED		PE2-60-0R2S10R0-4R75-15-12-SFF-WEI	
ISSUED			
SIZE (CODE CODE) B 1LK53	DWG NO.	WEB - MODEL	
SCALE N/A		REV. A	
		SHEET 1 OF 1	