

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:	8.0 to 18.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-1.5dB Max.
Noise Figure:	3.0dB Typ.
OP1dB:	12dBm 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)

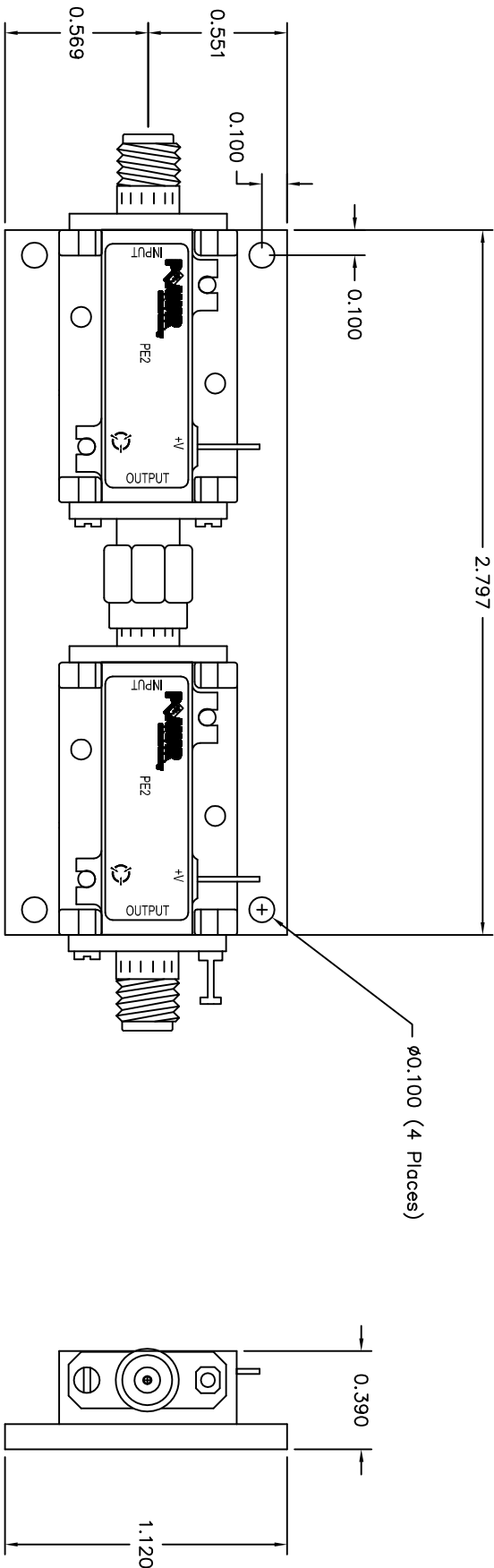
Humidity: MIL-STD-202F, METHOD 103B COND B.

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							
				MATERIAL:					
				6061-T6 Aluminum					
				FINISH:					
				Gold Plate over Nickel					
				DO NOT SCALE DRAWING					
		PART NO.							
		APPROVALS		DATE					
		DRAWN K. Watson		9/28/09					
		CHECKED							
		ISSUED							
 5715 Industry Lane, Unit 11 FREDERICK, MARYLAND									
PRODUCT FEATURE PE2-60-8R018R0-3R0-14-12-SFF-WEB									
SIZE (CASE CODE)		DRAW NO.		WEB - MODEL		REV.			
B 1LK53						A			
SCALE N/A		SHEET		1 OF 1					