

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:	0.5 to 6.0 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

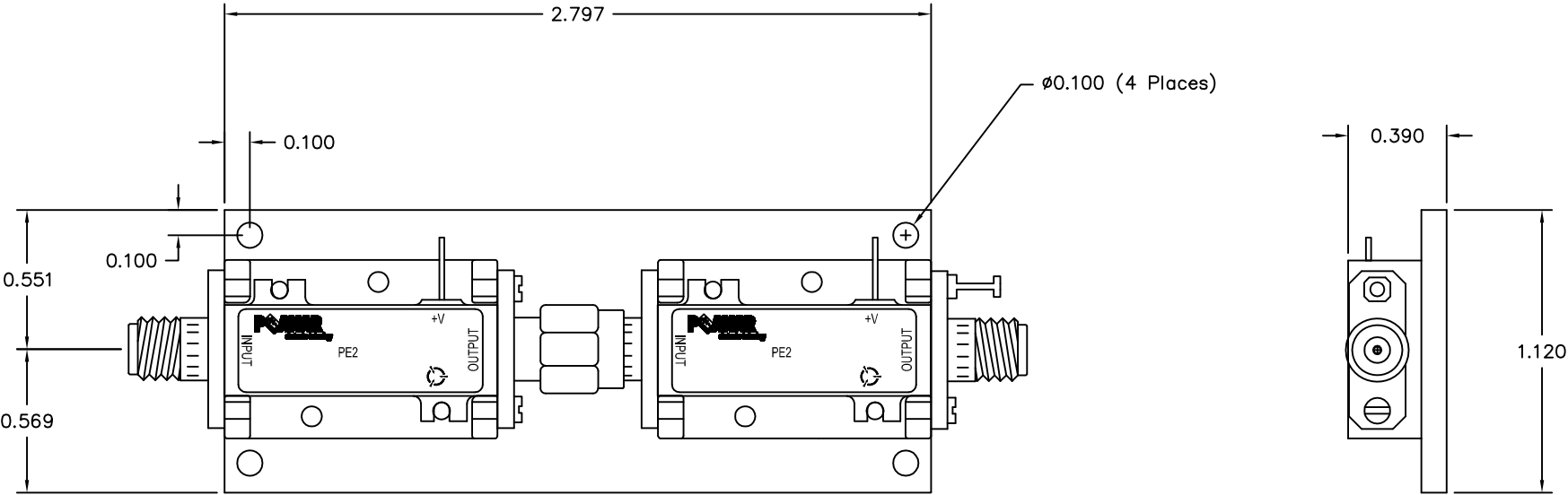
Available Options:

- 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.		 5715 Industry Lane, Unit 11 FREDERICK, MARYLAND			
	APPROVALS	DATE				
MATERIAL: 6061-T6 Aluminum	DRAWN K Mason	9/28/09	TITLE PRODUCT FEATURE PE2-60-0R56R0-4R75-15-12-SFF			
FINISH: Gold Plate over Nickel	CHECKED					
	ISSUED					
DO NOT SCALE DRAWING			SIZE B	CAGE CODE 1LK53	DWG NO. WEB - MODEL	REV. A
			SCALE N/A			SHEET 1 OF 1



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