

### 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:	2.0 to 20.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-1.5dB Max.
Noise Figure:	5.0dB 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

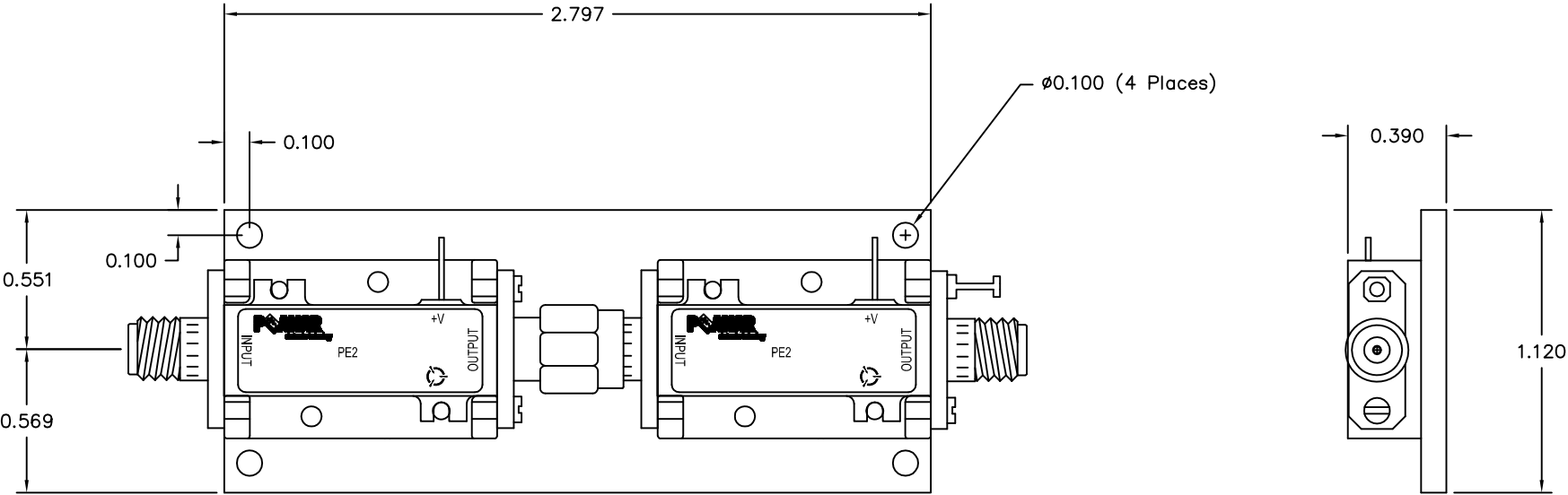
### Available Options:

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 PE2-60-2R020R0-5R0-15-12-SFF-WEB			
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	