

**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:	9.0 to 10.0 GHz
Gain:	60dB Typ.
Gain Flatness:	+/-0.75dB Max.
Noise Figure:	2.5dB Typ.
OP1dB:	12dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	300mA Max.

**Features:**

- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

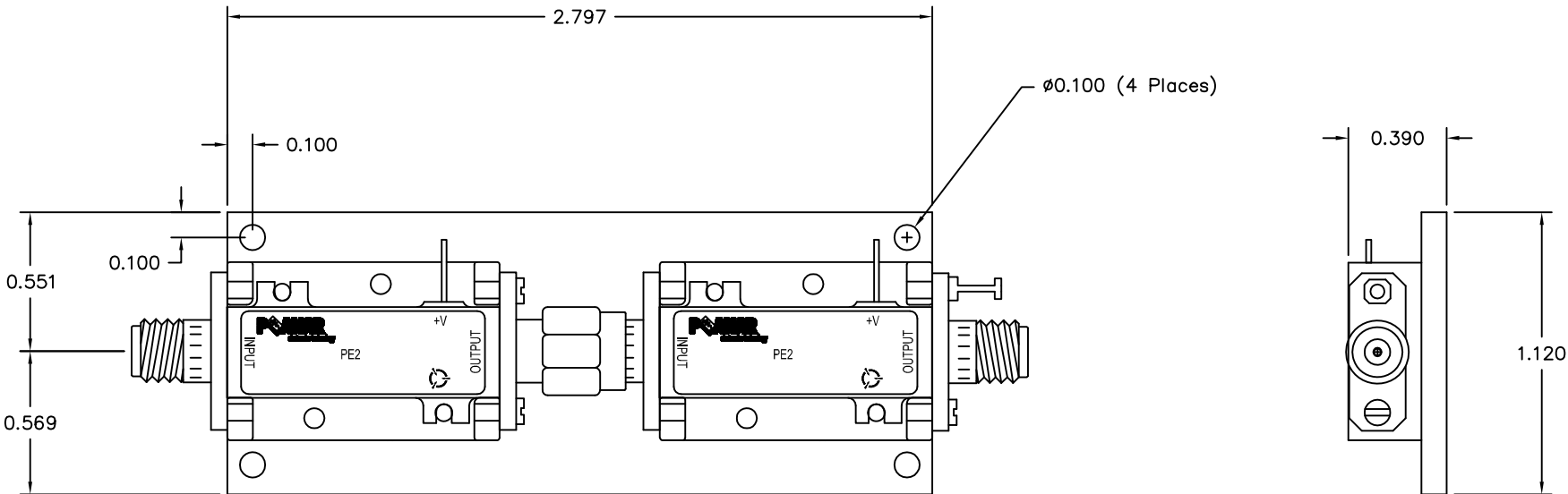
**Available Options:**

- 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  
 $\pm$  .XX  $\pm$  0.010  $\pm$   
                  .XXX  $\pm$  0.005

	PART NO.		 <b>PRODUCT FEATURE</b> PE2-60-9R010R0-2R5-14-12-SFF-WEB CA~
	APPROVALS		
	DRAWN K Mason	9/28/09	
	CHECKED		
MATERIAL: 6061-T6 Aluminum	ISSUED		
FINISH: Gold Plate over Nickel			
DO NOT SCALE DRAWING			