

8      7      6      5      4      3      2      1

DATE REC.	RE. NO.
-	ORIGINAL RELEASE 2/1/98

**Description:** Low Noise Amplifier designed for Military and Industrial applications. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component. Other packages and connector types are available.

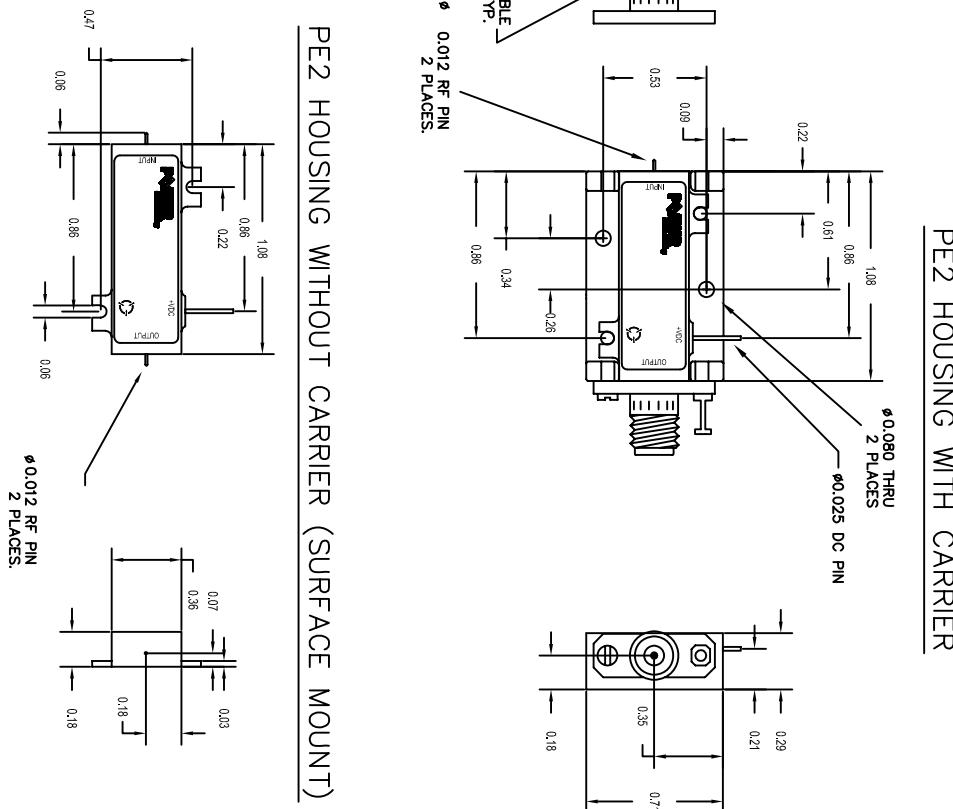
This model provides the following performance. Data is available upon request.

**Specifications:**

Frequency Range: 6.0 to 7.0 GHz  
 Gain: 45dB Typ.  
 Gain Flatness: +/-0.5dB Max.  
 Noise Figure: 2.0dB Typ.  
 OP1dB: 19dBm Min.  
 VSWR Input/Output: 2.0:1 Max.  
 DC Voltage Supply: +12 to +15V/DC  
 DC Current Draw: 380mA Max.

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

B



A

**Environmental Ratings:**

Temperature: -20 to +70 Deg. C (Operating); -55 to +85 Deg C Available

-55 to +125 Deg. C (Storage)

MIL-STD-202F METHOD 103B COND B

MIL-STD-202F METHOD 213B COND B

MIL-STD-202F METHOD 105C COND B

MIL-STD-202F METHOD 107D COND A

Note: The above specifications are subject to change or revision.

8      7      6      5      4      3      2

A

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:  
 DECIMALS      ±  
 FRACTIONS      .XX ± 0.010  
 .XXX ± 0.005  
 Gold Plated over Nickel  
 do not scale drawing

5715 Industry One, Unit 11  
 FREDERICK, MARYLAND

APPROVALS

PR-1000

DATE

PR-1000

REVISION

PR-1000