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**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: 9.0 to 10.0 GHz  
 Gain: 16dB Typ.  
 Gain Flatness: +/-0.5dB Max.  
 Noise Figure: 2.5dB Typ.  
 OP1dB: 10dBm Min.  
 VSWR Input/Output: 2.0:1 Max.  
 DC Voltage Supply: +12 to +15V/DC  
 DC Current Draw: 65mA Max.

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

B

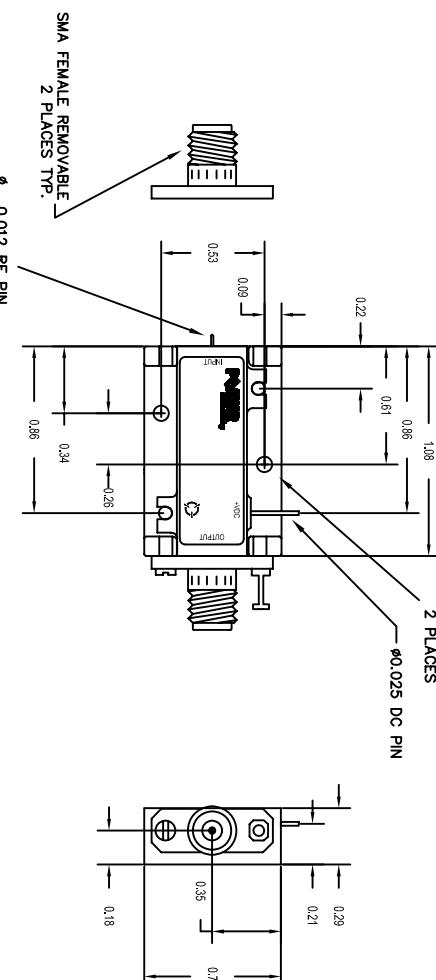
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PE2 HOUSING WITH CARRIER

DATE REC.	RE. RECORDS
2/1/98	ORIGINAL RELEASE

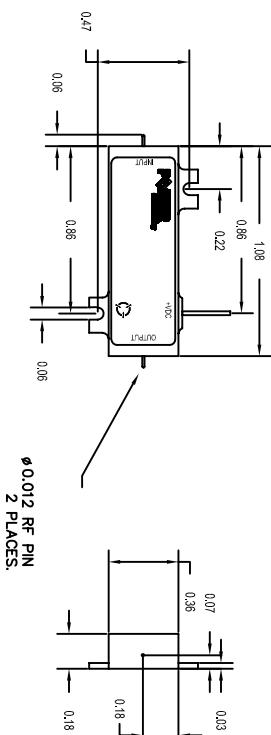
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PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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**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.

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UNLESS OTHERWISE SPECIFIED	PART NO.	5715	Industry One, Unit 11
DIMENSIONS ARE IN INCHES	APPROVALS	DATE	FREDERICK, MARYLAND
TOLERANCES ARE:	APPROVALS	DATE	
DEGREES	APPROVALS	DATE	
FRACTIONS	APPROVALS	DATE	
DECIMALS	APPROVALS	DATE	
ANGLES	APPROVALS	DATE	
± .XX ± 0.010	APPROVALS	DATE	
.XXX ± 0.005	APPROVALS	DATE	
Gold Plated over Nickel	APPROVALS	DATE	
DO NOT SCALE DRAWING	APPROVALS	DATE	