

**Description:**

Low Noise Amplifier designed for Military and Industrial applications. This amplifier is supplied in our standard PE2 housing that can be used as an 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: 1.2 to 9.7 GHz  
 Gain: 25dB Min.  
 Gain Flatness: +/-2.0dB Max.  
 Noise Figure: 5.0dB Typ., 6.0dB Max.  
 OP1dB: +18dBm Min.  
 VSWR Input/Output: 2.0:1 Max.  
 DC Voltage Supply: +12 to +15VDC  
 DC Current Draw 325Max.

**Features:**

Internal Voltage Regulation  
 Unconditional Stability

**Available Options:**

Various Package types  
 Various Connector types  
 Temperature Compensation  
 Gain and Phase Matching  
 MIL-STD-883 Screening Available

**Environmental Ratings:**

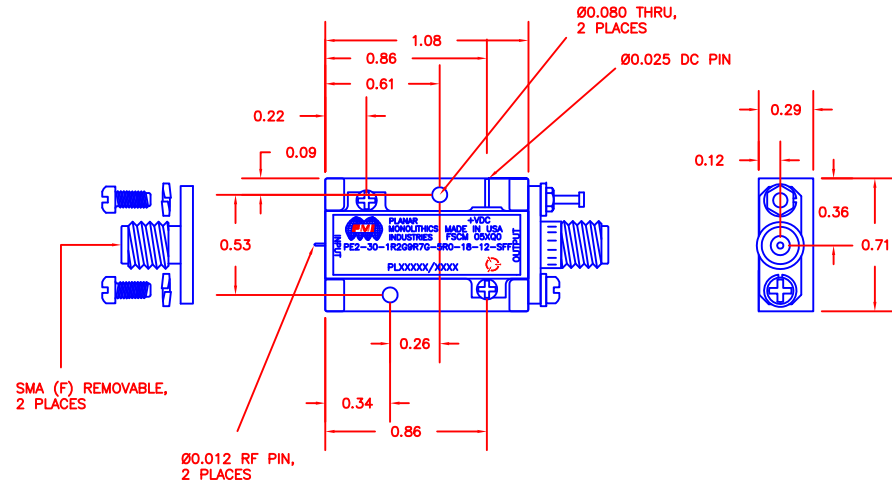
Temperature: -55°C to + 85°C (Operating)  
 -55°C to +125°C (Storage)  
 Humidity: MIL-STD-202F, METHOD 103B COND B.  
 Shock: MIL-STD-202F, METHOD 213B COND B.  
 Altitude: MIL-STD-202F, METHOD 105C COND B.  
 Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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

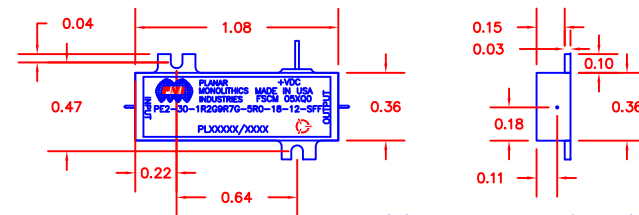
ALL DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 X.XX ±0.020  
 X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/10/11	

**PE2 HOUSING WITH CARRIER**



**PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)**



PMI CONFIDENTIAL & PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN <i>K. MASON</i>		11/10/11	PRODUCT FEATURE PE2-30-1R2G9R7G-5R0-18-12-SFF			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED			SCALE N:S	SHEET 1 OF 1		