

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	12/10/10	

Description:
 PMI Model Number: PE2-35-1R02R0-1R4-17-12-SFF is a 1 to 2 GHz low noise amplifier. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component.

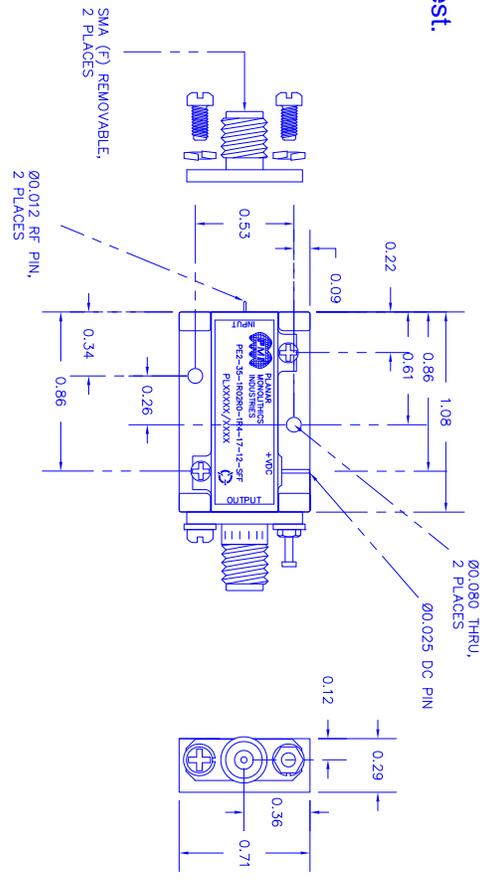
This model provides the following performance. Data is available upon request.

- Specifications:**
- Frequency Range: 1 to 2 GHz
 - Gain: 35dB Typ.
 - Gain Flatness: +/- 0.75dB Typ.
 - Noise Figure: 1.4dB Typ.
 - OP1dB: +17dBm Typ.
 - VSWR Input/Output: 2.0:1 Typ.
 - DC Voltage Supply: +12 to +15VDC
 - DC Current Draw: 160mA Typ.
 - Connectors In/Out: SMA Female

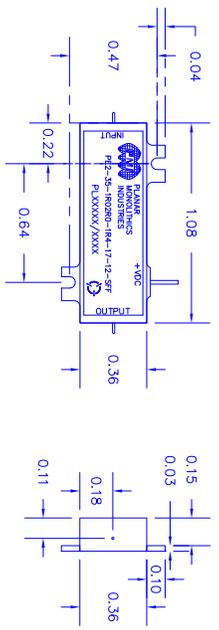
- Features:**
- Internal Voltage Regulation
 - Unconditional Stability

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

- Environmental Ratings:**
- Temperature: -55 to +85 Deg. C (Operating)
-65 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.



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE	SCALE	N:	S	SHEET	OF	REV.
DRAWN	sk	12/10/10	PRODUCT FEATURE	A	05X00		27012182	1	A
CHECKED			PE2-35-1R02R0-1R4-17-12-SFF						
ISSUED									

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 XXX .0010
 X.XXX .0005