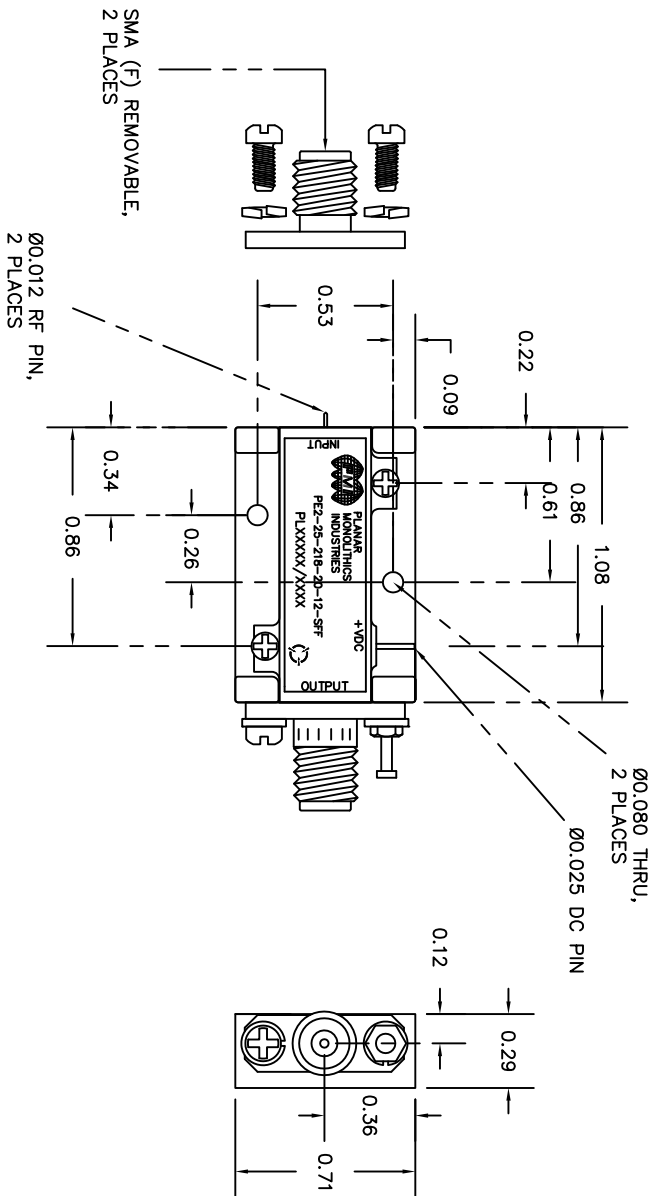


REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	12/15/10

PE2 HOUSING WITH CARRIER



Description:

PMI Model Number: PE2-25-218-20-12-SFF is a 2 to 18 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: 2 to 18 GHz
- Gain: 25dB Min.
- Gain Flatness: +/- 1.5dB Max.
- Noise Figure: 4.5dB Typ, 5.5dB Max.
- OP1dB: +20dBm Min.
- VSWR Input/Output: 2.0:1 Max.
- DC Voltage Supply: +12 to +15VDC
- DC Current Draw: 300mA Max.
- Connectors In/Out: SMA Female

Features:

- Internal Voltage Regulation
- Unconditional Stability

Available Options:

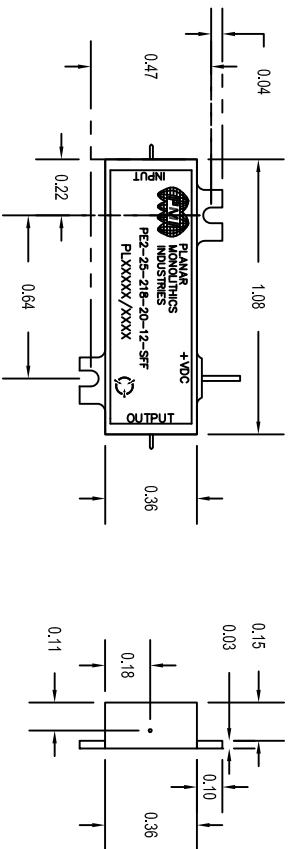
- Various Package types
- Various Connector types
- Temperature Compensation
- Gain and Phase Matching
- MIL-STD-883 Screening Available

Environmental Ratings:

- Temperature: -55°C to + 85°C (Operating)
-65°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.

PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN <i>slk</i>		12/15/10		PRODUCT FEATURE			
CHECKED				PE2-25-218-20-12-SFF			
ISSUED							
SCALE N:S				SHEET 1 OF 1			