

Description:

PMI Model Number: PE2-15-2R018R0-4R5-15-12-SFF Assembly Drawing is a 2 to 20 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.

Specifications:

- Frequency Range:
Gain:
Gain Flatness:
Noise Figure:
OP1dB:
VSWR Input/Output:
DC Supply:
Connectors In/Out:
Finish:
- 2 to 18 GHz
+15dB Typ
±1.25dB Typ
4.5dB Typ
+15dBm Typ
2.0:1 Typ
+12VDC @ 85mA Typ
SMA Female
Gold Plated

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

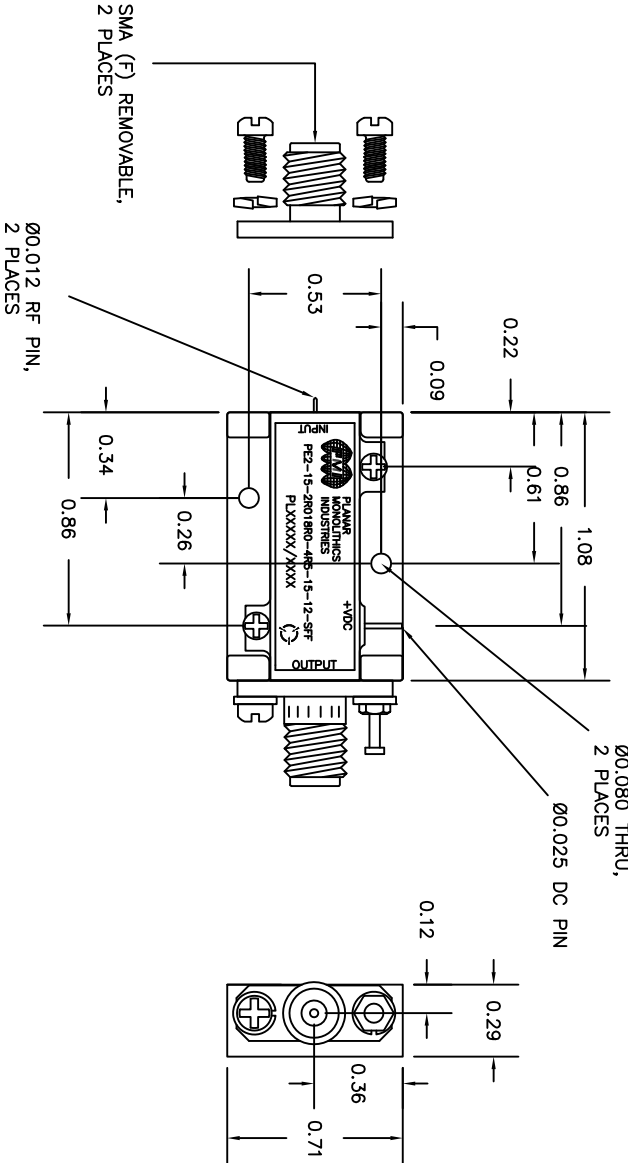
Environmental Ratings:

- Temperature:
Humidity:
Shock:
Altitude:
Temperature Cycle:
- 54°C to + 95°C (Operating)
-65°C to +125°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

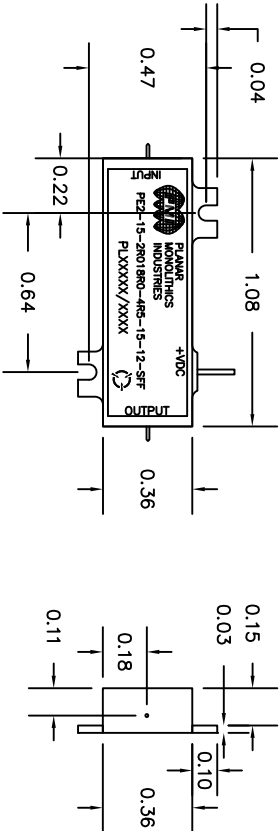
Note: The above specifications are subject to change or revision.

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	2/8/13

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		2/8/13		PRODUCT FEATURE			
CHECKED				SIZE	FSCM NO.	DWG NO.	REV.
ISSUED				A	05XQ0	27018351	A
				SCALE	N:S	SHEET	1 OF 1

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005