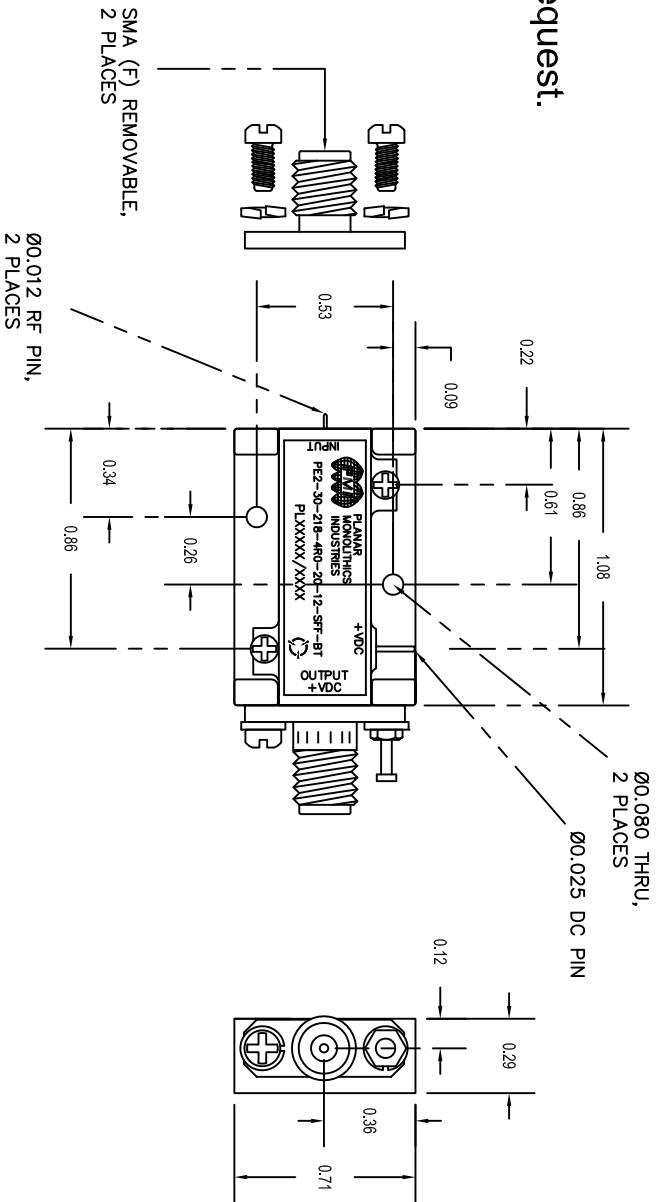


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	03/09/10	
	B	ADD BIAS T SPECIFICATION	1/11/13	

PE2 HOUSING WITH CARRIER



Description:

PMI Model Number: PE2-30-218-4R0-20-12-SFF-BT is a 2 to 18 GHz low noise amplifier with an internal bias-tee on the output. 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:	30dB Typ.
Gain Flatness:	+/- 2.0dB Max.
Noise Figure:	4.0dB Max.
OP1dB:	+20dBm Min.
OIP3:	+30dBm Typ
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	350mA Max.
Connectors In/Out:	SMA Female
Bias-Tee:	Ouput SMA Connector

Features:

Internal Voltage Regulation.
Unconditional Stability.
LNA is supplied with an internal bias-tee on the output.

Available Options:

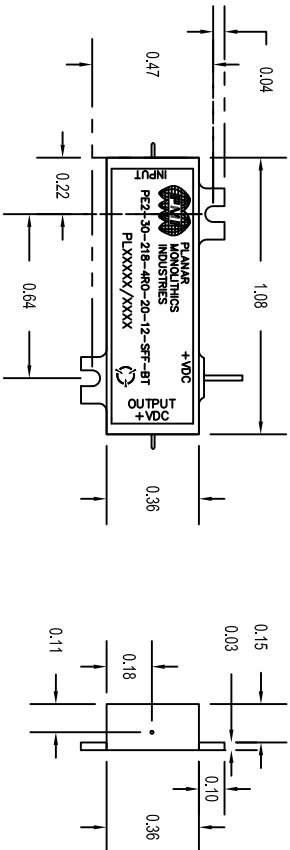
Various Package types
Various Connector types
Temperature Compensation
Gain and Phase Matching
MIL-STD-883 Screening Available

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)



CONFIDENTIAL & PROPRIETARY

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ISO 9001:2000 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN	<i>JPJ</i>		<i>9/9/10</i>	PRODUCT FEATURE	
CHECKED				PE2-30-218-4R0-20-12-SFF-BT	
ISSUED					

SCALE	N:S		SHEET	1	OF	1
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