

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

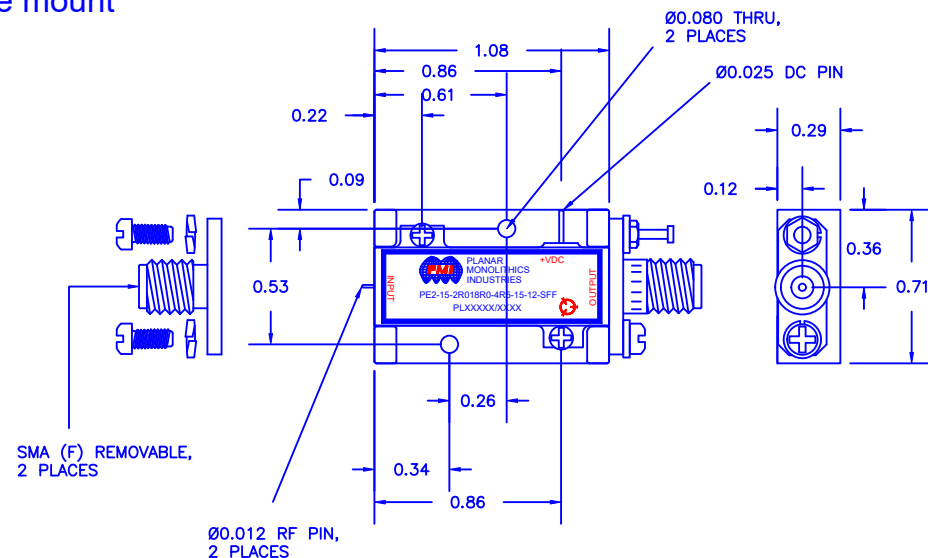
Temperature:	-54°C to + 95°C (Operating) -65°C to +125°C (Storage)
Humidity:	MIL-STD-202F, METHOD 103B COND B.
Shock:	MIL-STD-202F, METHOD 213B COND B.
Altitude:	MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle:	MIL-STD-202F, METHOD 107D COND A

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

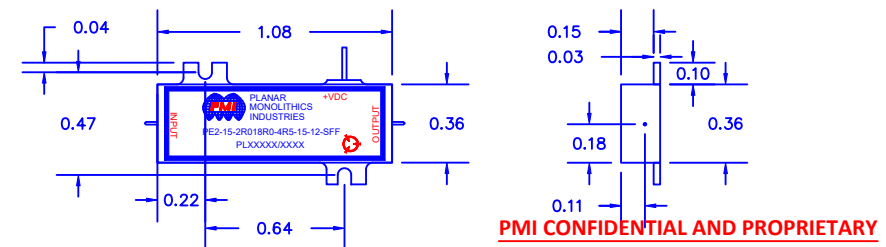
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

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

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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APPROVALS		DATE	TITLE		
DRAWN SFK		2/8/13	PRODUCT FEATURE PE2-15-2R018R0-4R5-15-12-SFF		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27018351
ISSUED			SCALE N:S		REV. A
					SHEET 1 OF 1