

Description:

PMI MODEL NO. PE2-15-0R252R0-4R5-15-12-SFF IS A LOW NOISE AMPLIFIER THAT COVERS THE 250MHZ TO 2.0GHZ FREQUENCY RANGE. THIS MODEL OFFERS 15DB OF GAIN WITH A NOISE FIGURE OF 4.5DB. THE OP1DB IS 15DBM AND THE UNIT IS SUPPLIED IN PMI'S STANDARD PE2 HOUSING.

Specifications:

Frequency Range:	0.25 to 2.0 GHz
Gain:	+15dB Typ.
Gain Flatness:	+/- 0.5dB Max.
Noise Figure*:	4.5dB Typ.
OP1dB:	+13dBm Min., 15dBm Typ.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	85mA Nominal.
Connectors In/Out	SMA Female
Finish	Gold Plated

* Noise Figure valid above 500MHz.

Features:

- Internal Voltage Regulation
- Unconditional Stability
- Standard Operating Temperature -20 to +70 Deg. C

Available Options:

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

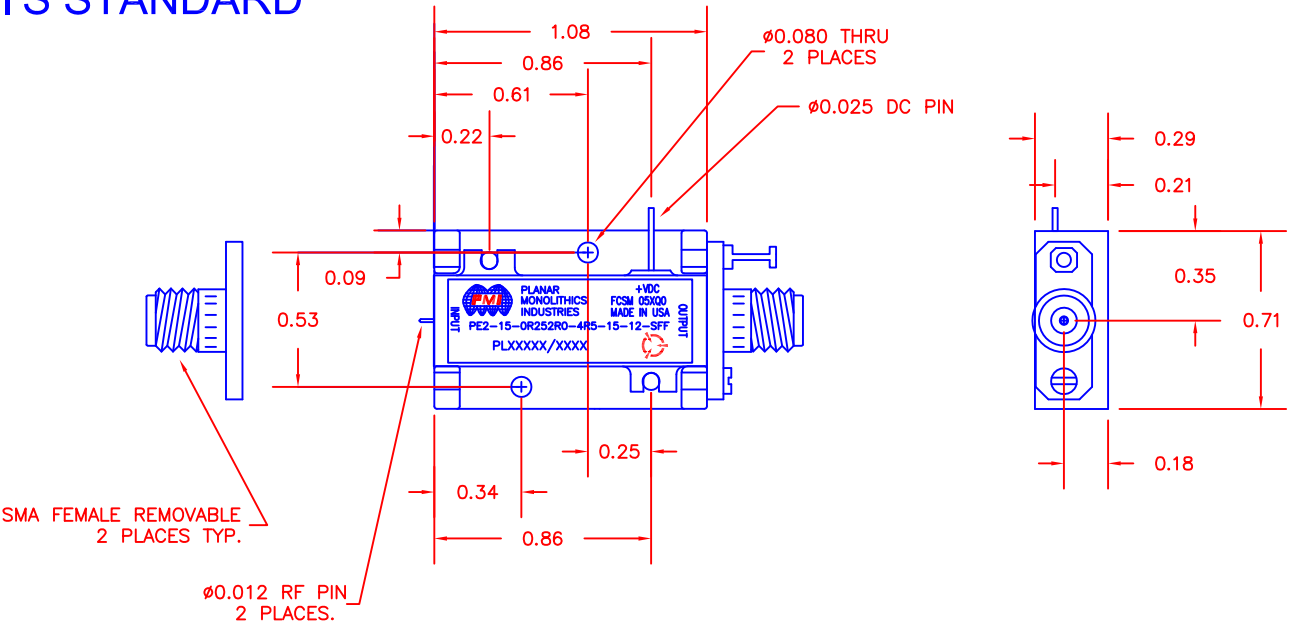
Environmental Ratings:

Temperature:	-20 to +70 Deg. C (Operating); -55 to +85 Deg C (Available) -55 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

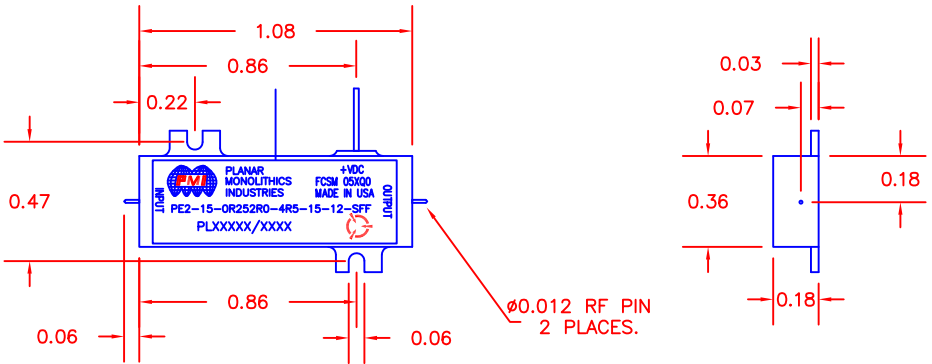
Note: The above specifications are subject to change or revision.

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	PRELIMINARY	6/18/14

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN			PRODUCT FEATURE			
CHECKED			PE2-15-0R252R0-4R5-15-12-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	—
			SCALE	N:S	SHEET	1 OF 1