

Description:

PMI Model PE2-35-218-5R0-12-15-SFF is designed for Military and Industrial applications operating over a Frequency Range of 2.0 to 18.0 GHz. 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.

Specifications:

Frequency Range:	2.0 to 18.0 GHz
Gain:	+32dB Min.
Gain Flatness:	+/- 2.0dB Max.
Noise Figure:	4.5dB Max.
OP1dB:	+14dBm Min.
VSWR Input/Output:	1.9:1 Max.
DC Voltage Supply:	+15VDC
DC Current Draw:	280mA Max.
Connectors In/Out	SMA Female
Finish	Gold Plated

Features:

Internal Voltage Regulation
Unconditional Stability
Standard Operating Temperature -25 to +85 Deg. C

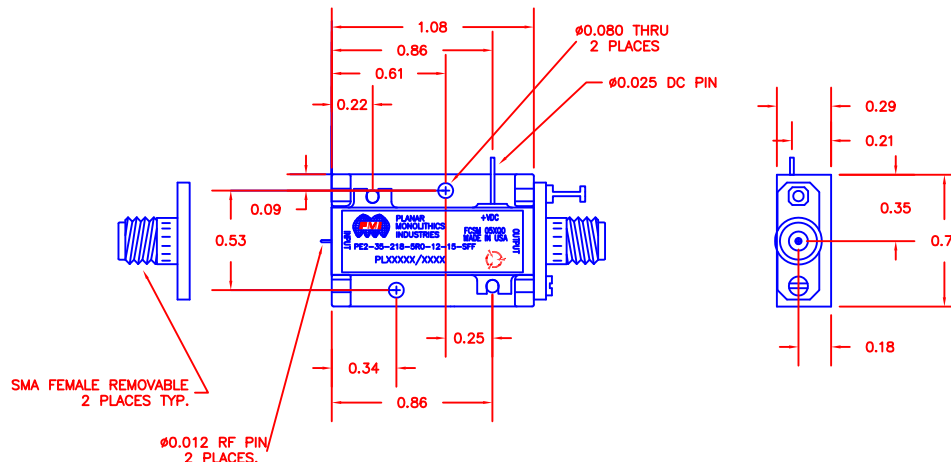
Environmental Ratings:

Temperature:	-25 to +85 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

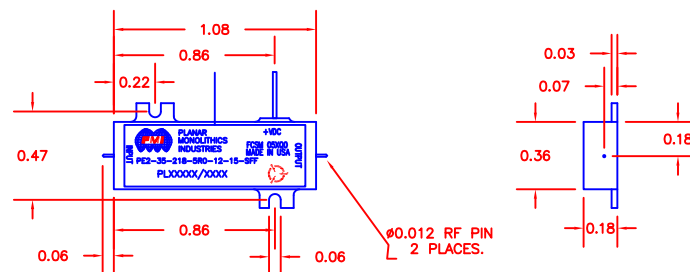
Note: The above specifications are subject to change or revision.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	8/14/13	
	A2	ECN # 14-0176	11/11/14	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

APPROVALS		DATE		TITLE			
DRAWN		8/14/13		PRODUCT FEATURE			
CHECKED				PE2-35-218-5R0-12-15-SFF			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	27007923	A2
				SCALE	N:S	SHEET	1 OF 1