Description:

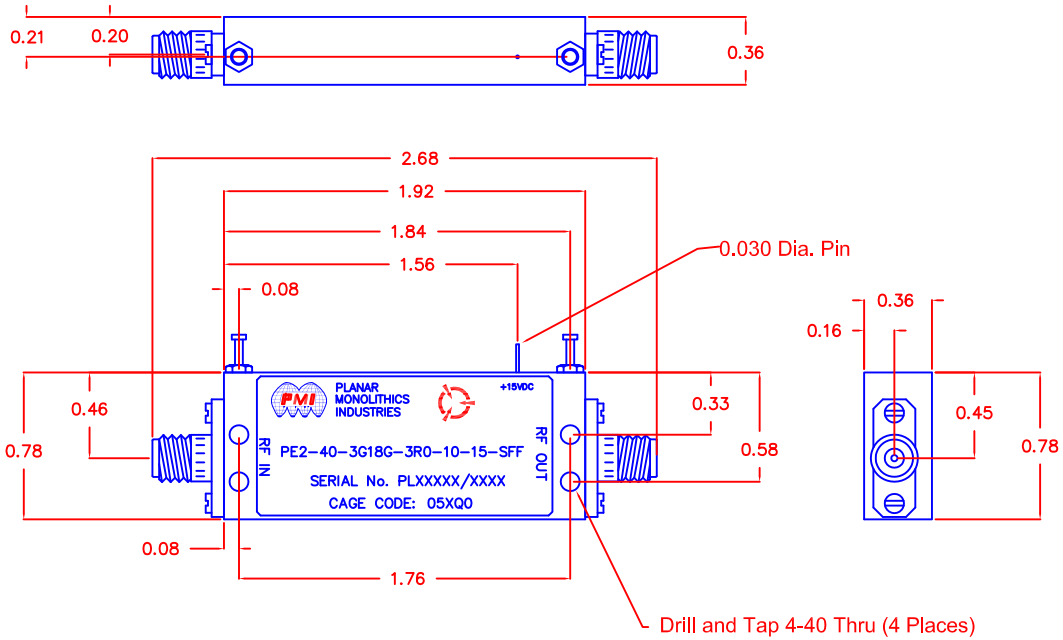
Model Number PE2-40-3G18G-3R0-10-15-SFF is a 3 - 18 GHz low noise amplifier. This amplifier has a gain of 40 dB minimum with +/- 1.5 dB flatness and a Maximum Noise Figure of 3.2dB.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/31/14	

Specifications:

Frequency Range:	3 to 18 GHz
Gain:	+40dB Min.
Gain Flatness:	+/- 1.5 dB Max.
Noise Figure:	3.0 dB Max (3.0 to 17.0GHz)
	3.2 dB Max.(17.0 to 18.0GHz)
OP1dB:	+10 dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to 15VDC
DC Current Draw:	280 mA Max.
Finish:	Blue Epoxy Paint
	Bottom Gold Plated (Unpainted)

MECHANICAL OUTLINE



Environmental Ratings:

Temperature:	-55°C to +85° C (Operating)
	-65°C +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 ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

APPROVALS	DATE
DRAWN K. MASON	10/31/14
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
PE2-40-3G18G-3R0-10-15-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27008862	A1

SCALE N:S SHEET 1 OF 1