

Description:

PMI Model Number: PEC3-40-30M26R5G-6R0-12-12-SFF Rev. B is a 0.03 to 26.5 GHz low noise amplifier. This amplifier can be used as a SMA connectorized or a surface mount component.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	02/22/19	

Specifications:

- Frequency Range:

0.03 to 26.5 GHz
- Gain:

+35dB Min.
- Gain Flatness:

±3.5dB Max
- Noise Figure:

6.0dB Typ.
- OP1dB:

+12dBm Min
- VSWR Input/Output:

2.5:1 Max
- DC Supply:

+12 to +15VDC @ 700mA Max
- 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:

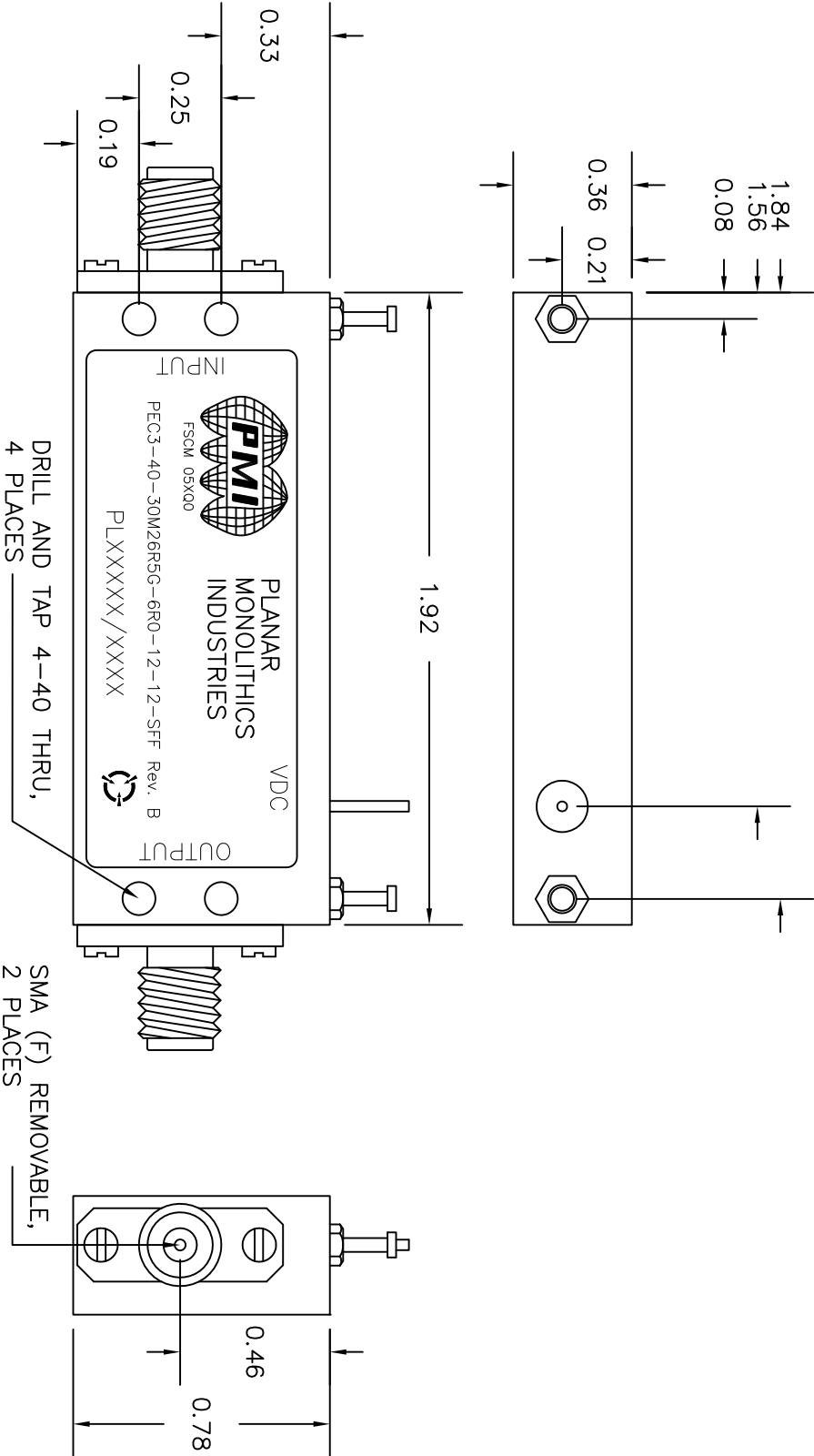
- Temperature:

-54° C to + 95° C (Operating)
-65° C to +125° C (Storage)
- Humidity:

MIL-STD-202F, METHOD 103B COND B.
MIL-STD-202F, METHOD 213B COND B.
- Shock:

MIL-STD-202F, METHOD 105C COND B.
MIL-STD-202F, METHOD 107D COND A
- Altitude:
- Temperature Cycle:

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



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS

DATE

DMG

02/22/19

TITLE

OUTLINE DRAWING

PEC3-40-30M26R5G-6R0-12-12-SFF REV.B

SIZE FSCM NO. DWG NO.

A 05X00 27007249

CHECKED

ISSUED

SCALE N:S

SHEET 1 OF 1

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

X.XX ±0.010

X.XXX ±0.005