

**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 2.92mm CONNECTORIZED OR A SURFACE MOUNT COMPONENT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	5/8/2007	
	A2	ECN # 14-0097	7/3/2014	
	B1	ECN # 22-0098	8/12/22	
	C1	ECN # 22-0127	10/12/22	

**SPECIFICATIONS:**

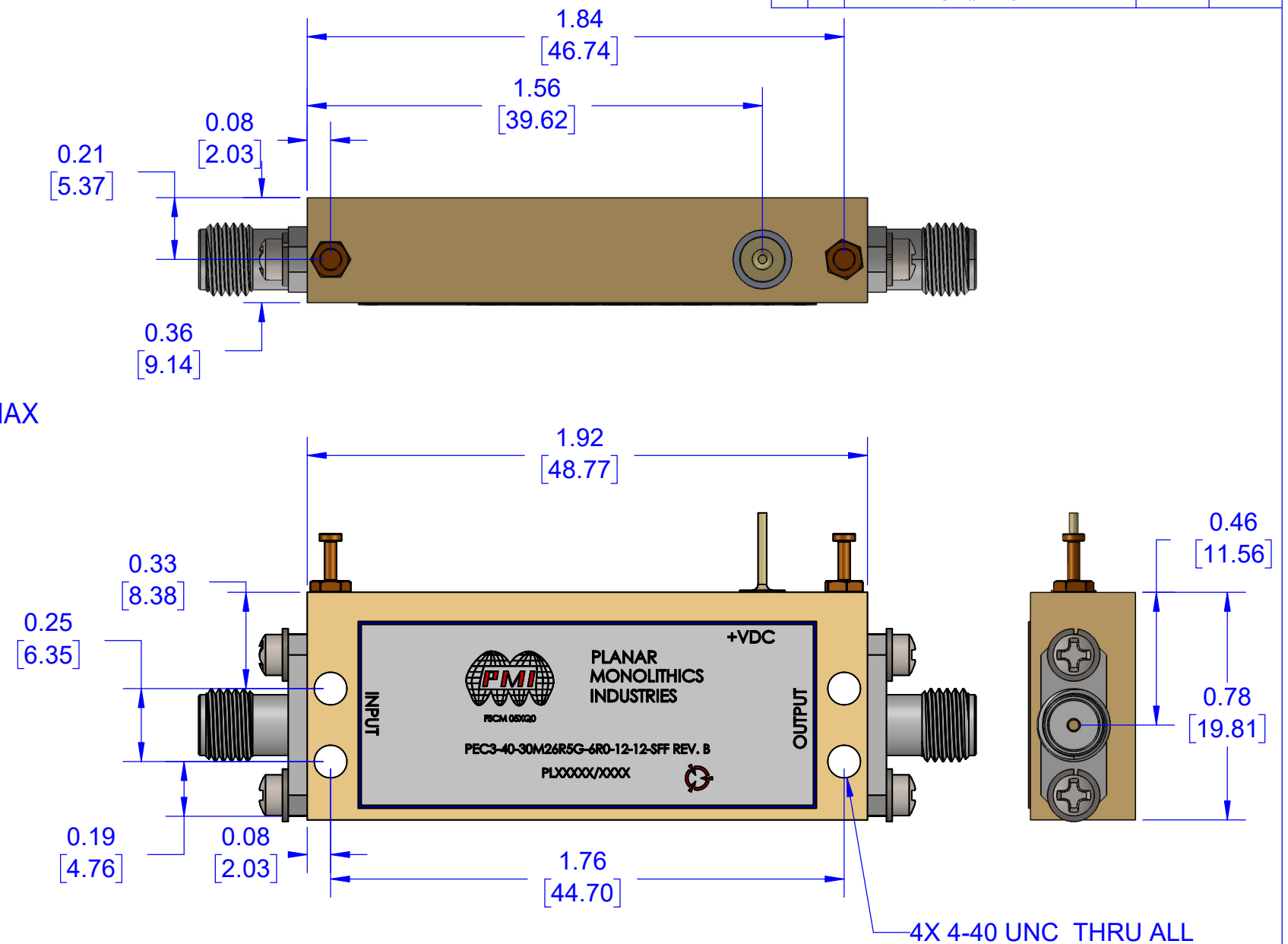
- FREQUENCY RANGE:..... 0.03 TO 26.5 GHz
- GAIN:..... +35 dB MIN
- GAIN FLATNESS:..... ±3.5 dB MAX
- NOISE FIGURE:..... 6.0 dB TYP,  
7.5 dB MAX
- OP1dB:..... +12 dBm TYP  
+11 dBm MIN
- VSWR (INPUT/OUTPUT):..... 2.5:1 MAX
- DC VOLTAGE SUPPLY:..... +12 TO +15 VDC @ 400 mA MAX
- CONNECTORS:..... 2.92mm 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: SPECIFICATIONS WILL VARY OVER TEMPERATURE  
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS    DECIMALS    ANGLES ±                .XX ± 0.02                ± .XXX ± 0.01		APPROVALS DRAWN M. LAULIS REDRAWN ISSUED	DATE 8/3/2022	TITLE OUTLINE PEC3-40-30M26R5G-6R0-12-12-SFF REV. B	SIZE B	FSCM NO. 05XQ0	DWG NO. 27007249	REV. C1
				PLANAR MONOLITHICS INDUSTRIES, INC.  7311-F GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL: (301)-862-5019, FAX: (301)-662-1731 WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com ISO 9001 CERTIFIED	SCALE 2:1		SHEET 1 OF 1	