

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.

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

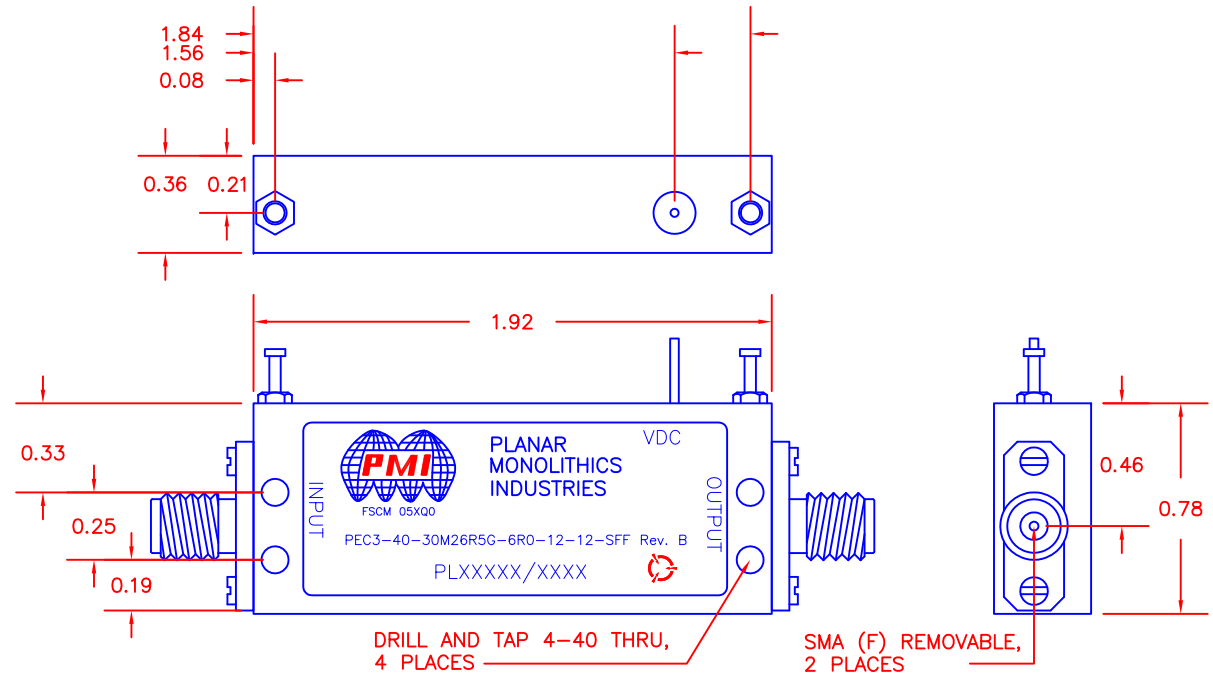
Environmental Ratings:

Temperature: -54°C to + 95°C (Operating)
 -65°C to +125°C (Storage)
 Humidity: MIL-STD-202F, METHOD 103B COND B.
 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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	02/22/13	
	A2	ECN # 14-0097	07/03/14	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN <i>ANS</i>		02/22/13	OUTLINE			
CHECKED			PEC3-40-30M26R5G-6R0-12-12-SFF REV.B			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27007249	A2
			SCALE	N:S	SHEET	1 OF 1