

DESCRIPTION:

PMI Model Number: PEC4-16-50M18G-4R0-19-15-SFF is a 50 MHz to 18.0 GHz compact amplifier. This amplifier is supplied in our standard PEC4 housing. This model provides the following performance. Data is available upon request.

SPECIFICATIONS:

- Frequency Range: 0.05 to 18.0 GHz
- Gain: +14 dB Min, 19 dB Max
- Gain Flatness: ± 2.0 dB Max
- Noise Figure: 4.0 dB Typ
- OP1dB: +19 dBm Min
- VSWR Input: 2.0:1 Max
- VSWR Output: 2.0:1 Max
- DC Voltage Supply: +12 to +15 VDC
- DC Current Draw: 200 mA Max
- Maximum Input: +23 dBm CW
- Connectors In/Out: SMA Female
- Finish: Gold Plated

FEATURES:

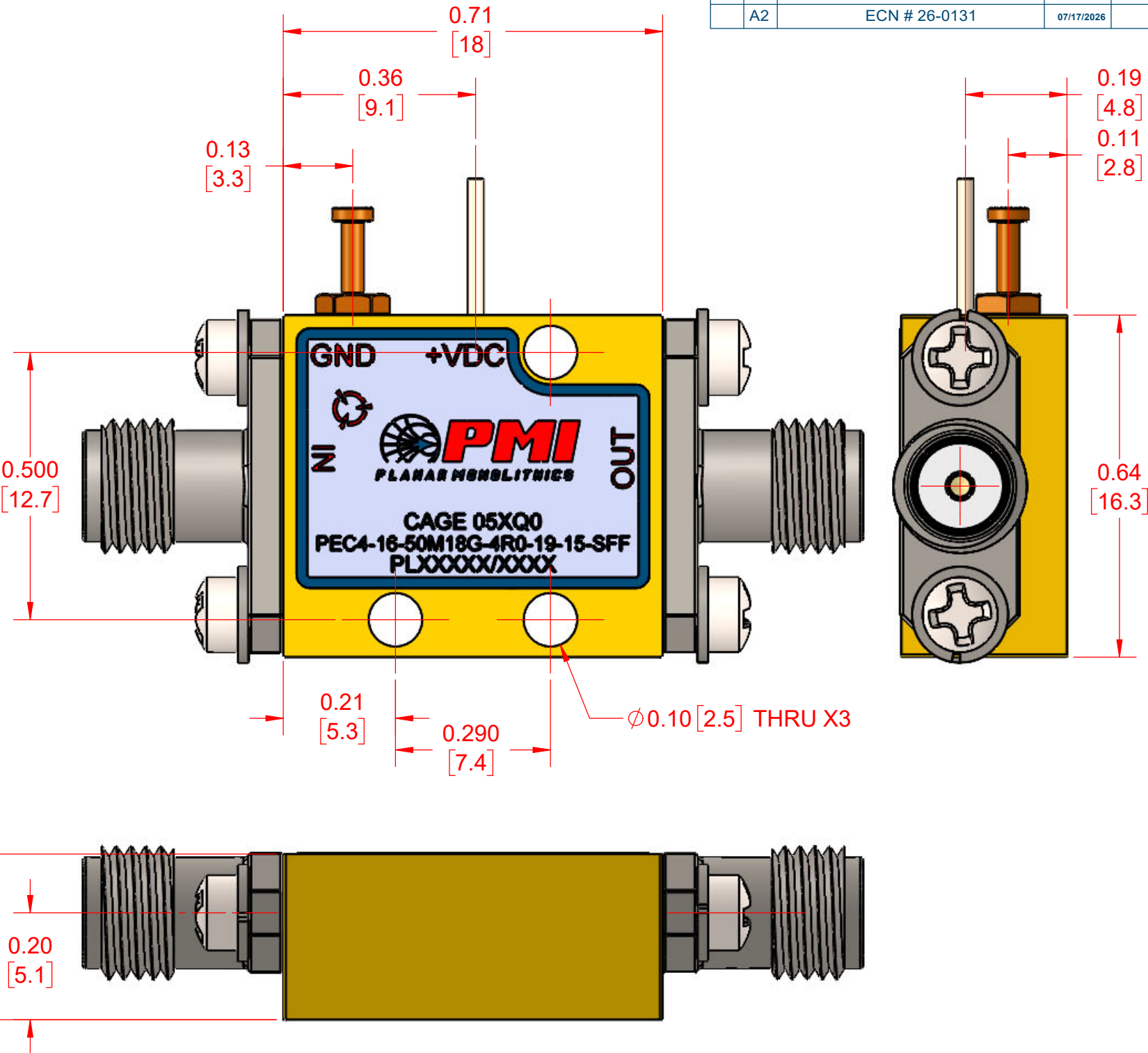
- Internal Voltage Regulation
- Unconditional Stability
- Input Limiter

ENVIRONMENTAL RATINGS:

- Temperature: -40 °C to +75 °C (Operating)
-65 °C +110 °C (Storage)
- Humidity: MIL-STD-202, METHOD 103 COND B.
- Shock: MIL-STD-202, METHOD 213 COND B.
- Altitude: MIL-STD-202, METHOD 105 COND B.
- Temperature Cycle: MIL-STD-202, METHOD 107 COND A.

Note: The above specifications are subject to change or revision.
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	06/23/2016	
	A1	ECN # 17-0117	05/31/2017	
	A2	ECN # 26-0131	07/17/2026	



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						APPROVALS		DATE	
DRAWN			JS	12/07/2015	TITLE	PRODUCT FEATURE			
REDRAWN						PEC4-16-50M18G-4R0-19-15-SFF			
ISSUED					SIZE	FSCM NO.	DWG NO.	REV.	
					B	05XQ0	27029831	A2	
					SCALE 2:1		SHEET 1 OF 1		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± ± ±					