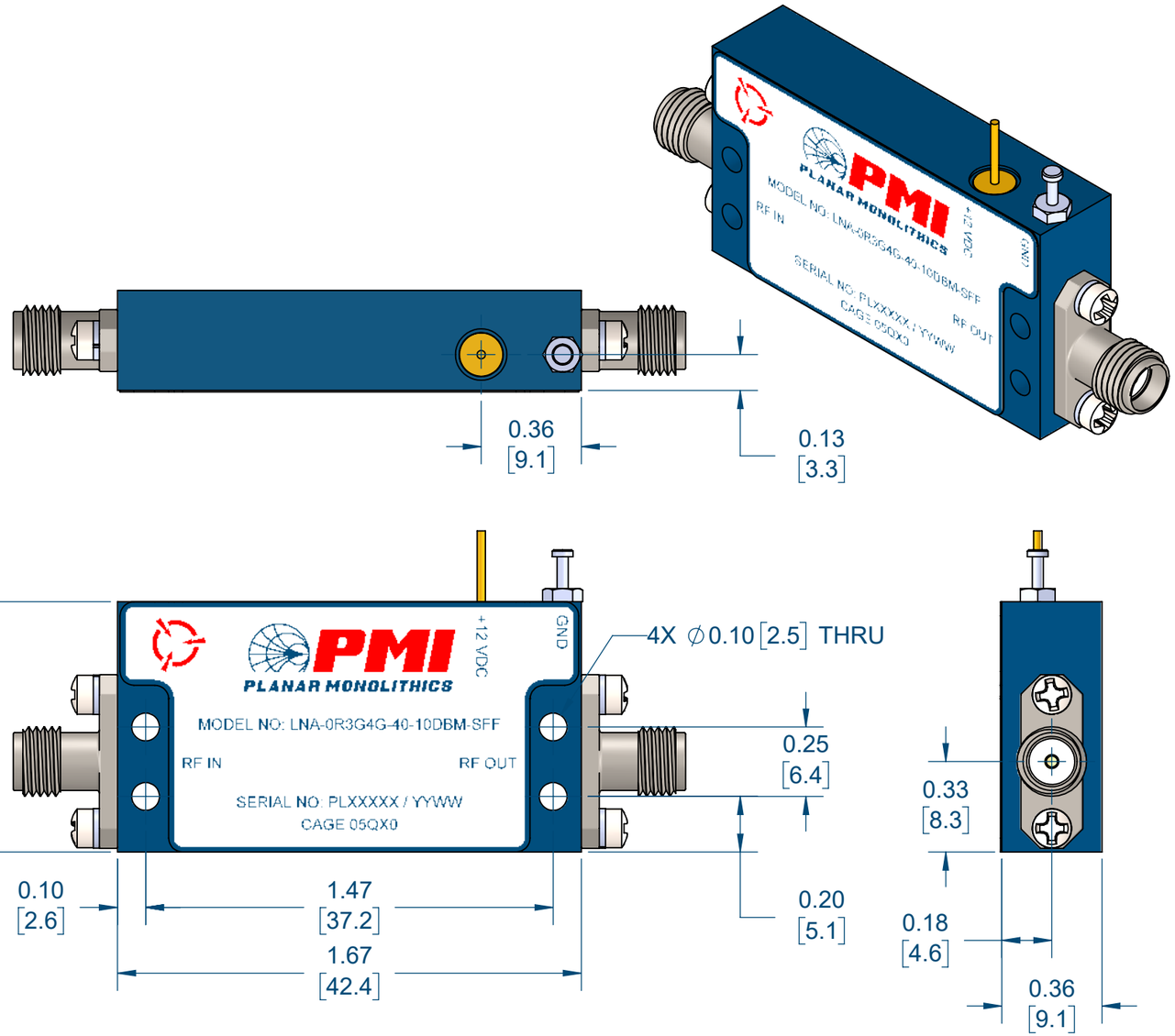
DESCRIPTION:

PMI MODEL NUMBER LNA-0R3G4G-40-10DBM-SFF IS A 0.3 TO 4.0 GHz LOW NOISE AMPLIFIER WITH AN OP1dB OF +10 dBm. SUPPLIED IN A SMALL HOUSING WITH REPLACEABLE SMA FIELD CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/28/2026	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 0.3 TO 4.0 GHz
- GAIN:..... 38 dB MIN / 41 dB TYP
- NOISE FIGURE:..... 1.8 dB MAX (-54°C TO +25°C)
  2.2 dB MAX (+55°C)
- INPUT POWER:..... +20 dBm MAX
- OP1dB:..... +10 dBm MIN
- VSWR (INPUT/OUTPUT):..... 2.0 : 1 MAX
- DC VOLTAGE SUPPLY:..... +12 VDC ±5%
- DC CURRENT DRAW:..... 160 mA MAX
- CONNECTORS:..... SMA FEMALE - FIELD REPLACEABLE
- SEALING:..... EPOXY SEALED
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -54°C TO +55°C (OPERATING)
  -57°C TO +85°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103 COND. B
- SHOCK:..... MIL-STD-202, METHOD 213 COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204 COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105 COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107 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 .XX ± 0.02 .XXX ± 0.01 ANGLES ±

APPROVALS	DATE
DRAWN R. Snook	10/22/2026
REDRAWN	
ISSUED	

PMI PLANAR MONOLITHICS
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ISO 9001 CERTIFIED

TITLE: OUTLINE
LNA-0R3G4G-40-10DBM-SFF

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	27055320	A1

SCALE 2:1 SHEET 1 OF 1