

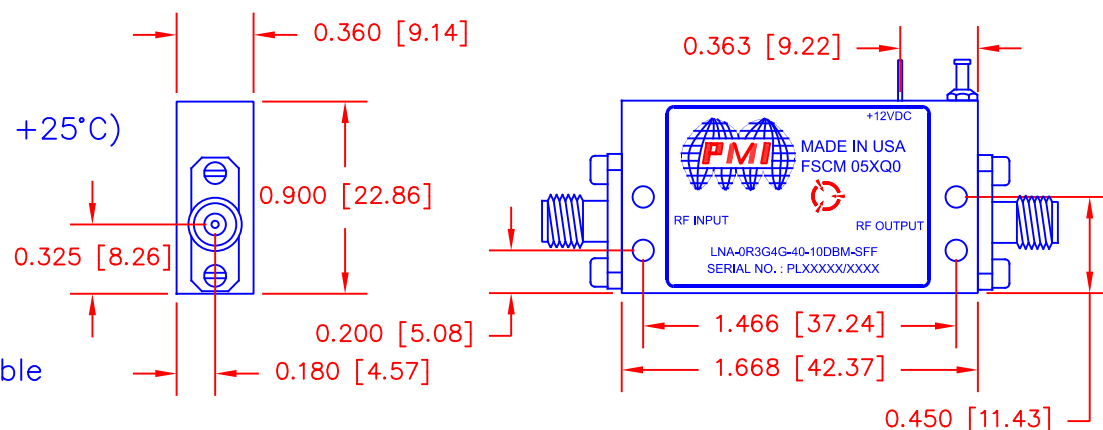
DESCRIPTION

PMI Model No. LNA-0R3G4G-40-10DBM-SFF Is a 0.3 to 4.0 GHz Low Noise Amplifier with a P1dB of +10dBm. Supplied in a small housing measuring only 0.9 X 1.668 X 0.36 inches.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	NF UPDATE	8/15/2022	
	2	NF UPDATE	9/18/2022	
	3	REMOVE HERMETIC SEAL	6/17/2026	

SPECIFICATIONS (FROM -54°C TO +71°C)

Frequency Range:	0.3 TO 4.0 GHz
Gain:	38dB MIN / 41dB TYP
Input Power:	+20dBm MAX
P1dB:	+10.0 dB MIN
Noise Figure:	1.8 dB MAX (-54°C to +25°C) 2.2 dB MAX (+71°C)
VSWR Input/Output:	2.0:1 MAX
DC Voltage Supply:	+12VDC +/-5%
DC Current Draw (Iq):	160mA MAX
Connectors:	SMA(F) – Field Removable
Finish:	Gold Plated



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- **TEMPERATURE:** ——— -54°C TO +55°C (OPERATING)
-57°C TO +85°C (NON-OPERATING)
- **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

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010
WEIGHT: X.XX oz.

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PLANAR MONOLITHICS INDUSTRIES, INC.

WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE PRODUCT FEATURE LNA-0R3G4G-40-10DBM-SFF			
DRAWN		8/8/22				
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	3
ISSUED			SCALE N:S			SHEET 1 OF 1