

DESCRIPTION:

PMI MODEL NUMBER PIM-2D7G3D55G-3D55G4D4G-22DB-12V IS AN 850 MHz INSTANTANEOUS BANDWIDTH BASEBAND MODULE WITH AN AMPLIFIER AND BANDPASS FILTER WITH TWO INDEPENDENT OUTPUTS. EACH BAND IS AN INDEPENDENT CHANNEL WITH A GAIN OF 18 dB. THIS MODEL COVERS 2.7 GHz TO 3.55 GHz AND 3.55 GHz TO 4.4 GHz.

SPECIFICATIONS:

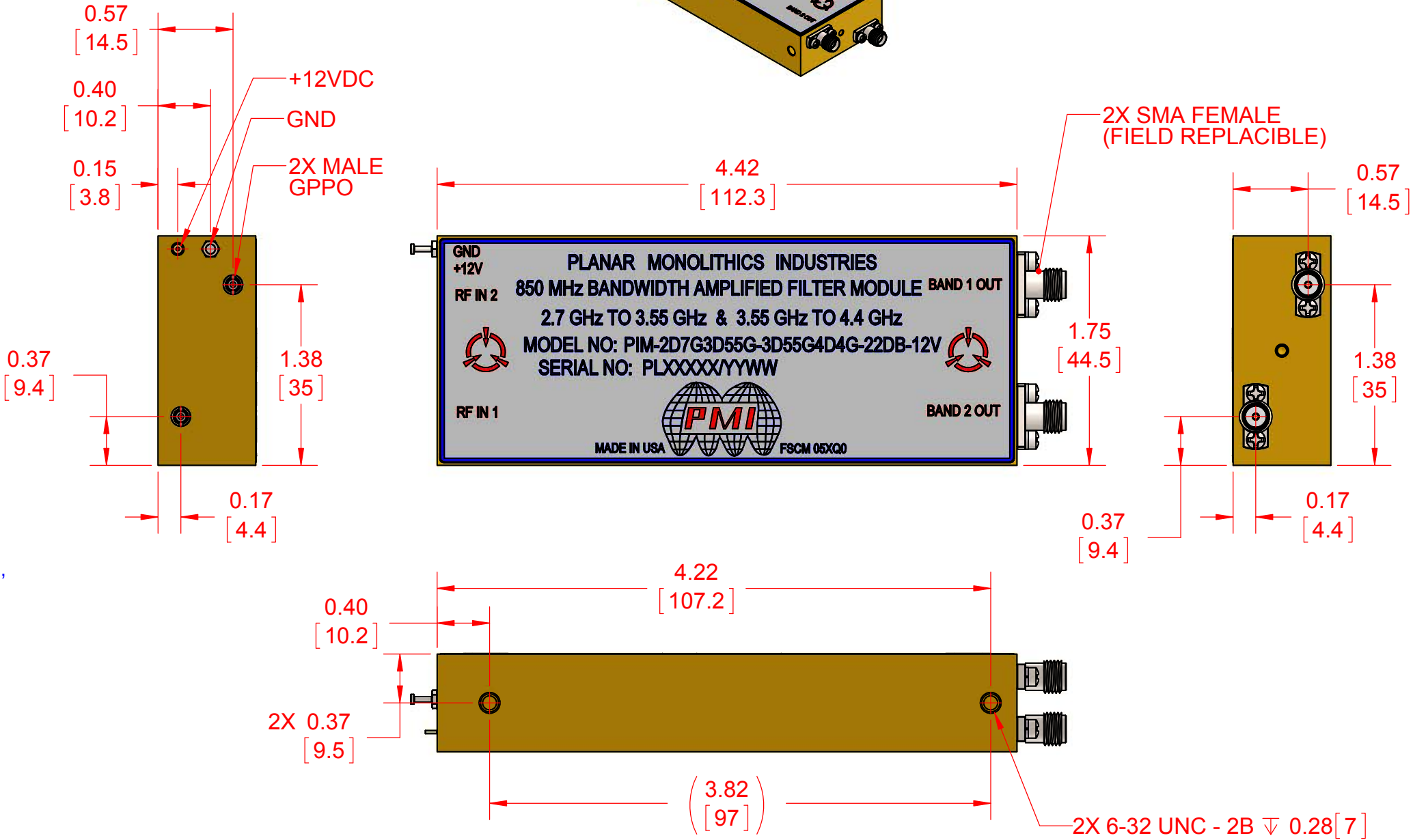
- CHANNEL 3:
 - FREQUENCY RANGE:.....2.7 TO 3.55 GHz
 - GAIN:.....+18 dB
 - NOISE FIGURE:.....3 dB TYP
 - OUTPUT IP3:.....+35 dBm MIN
- CHANNEL 4:
 - FREQUENCY RANGE:.....3.55 TO 4.4 GHz
 - GAIN:.....+18 dB
 - NOISE FIGURE:.....5.5 dB TYP
 - OUTPUT IP3:.....+30 dBm MIN
- INPUT VSWR:.....2:1 MAX
- OUTPUT VSWR:.....2:1 MAX
- HARMONICS:.....-60 dBc MIN
- ABSOLUTE MAX RF POWER(SURVIVAL):. +20 dBm
- DC POWER:.....+7V TO +12V 350 mA TYP, 400 mA MAX
- CONNECTORS:
 - INPUTS:.....MALE GPPO
 - OUTPUTS:.....SMA FEMALE
- SIZE:.....4.420" X 1.750" X 0.745"
- FINISH:.....GOLD PLATED

ENVIRONMENTAL RATINGS:

- TEMPERATURE:.....-40°C TO +85°C (OPERATING)
-40°C TO +85°C (STORAGE)
- HUMIDITY:.....MIL-STD-810, 0 TO 95% NON-CONDENSING
- SHOCK:.....MIL-STD-810, 516.6 COMPLIANT, 20G, 11 ms DURATION
- VIBRATION:.....MIL-STD-810, METHOD 515, FIG. 3 (NON-OP)
- ALTITUDE:.....MIL-STD-810, 15000 FT

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION
SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	12/18/2018	



MECHANICAL OUTLINE

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01		APPROVALS	DATE	PMI CONFIDENTIAL AND PROPRIETARY			
		DRAWN M. HANKEN	12/18/2018	7311-F GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL: (301)-662-5019, FAX: (301)-662-1731 WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com ISO 9001 CERTIFIED			
		REDRAWN		TITLE OUTLINE			
		ISSUED		PIM-2D7G3D55G-3D55G4D4G-22DB-12V			
				SIZE B	FSCM NO. 05XQ0	DWG NO. 27034872	REV. A1
				SCALE 1:1			SHEET 1 OF 1