

DESCRIPTION

PMI MODEL NO. PLO-1D2G-10M-EXT-SMA IS A PLO WITH AN OUTPUT FREQUENCY OF 1.2 GHz AND MINIMUM OUTPUT POWER OF +10 dBm. THIS MODEL IS OUTFITTED WITH SMA RF CONNECTORS.

SPECIFICATIONS

- OUTPUT FREQUENCY: ----- 1.2 GHz
- REFERENCE FREQUENCY: ----- 10 MHz
- INPUT LEVEL: ----- -3 dBm to 3 dBm
- OUTPUT LEVEL: ----- +10 dBm MIN
- SPURIOUS: ----- -60 dBc MAX @ Fc +/-30 MHz
- HARMONICS: ----- -20 dBc MAX
- LOAD VSWR: ----- 1.5:1 MAX
- PHASE NOISE: -----
 -110 dBc/Hz MAX @ 1 kHz
 -115 dBc/Hz MAX @ 10 kHz
 -115 dBc/Hz MAX @ 100 kHz
 -135 dBc/Hz MAX @ 1 MHz
- SUPPLY VOLTAGE: ----- +12 TO +15 V
- CURRENT: ----- 350 mA MAX
- LOCK DETECTOR: ----- TTL HIGH - LOCK
- CONNECTOR: -----
 RF CONNECTOR: SMA (F)
 POWER: THR CAPACITOR
- FINISH: ----- NICKEL PLATED
- REFERENCE PHASE NOISE: -----
 -135 dBc/Hz MAX @ 100 Hz
 -155 dBc/Hz MAX @ 1000 Hz
 -160 dBc/Hz MAX @ 10 kHz

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +50 °C (OPERATING)
 -50 °C TO +70 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

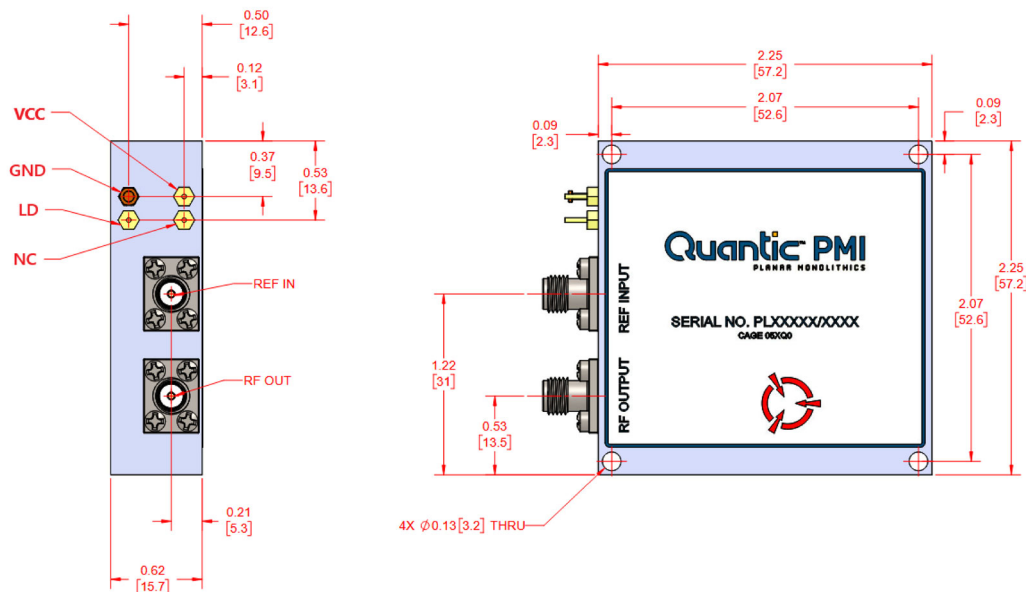
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS
 ARE IN INCHES [mm]
 TOLERANCES:
 X,XX ±0.020
 X,XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	10/29/2025	

MECHANICAL OUTLINE



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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN AG		10/29/2025	PRODUCT FEATURE PLO-1D2G-10M-EXT-SMA			-
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	
ISSUED			SCALE N:S		SHEET 1 OF 1	