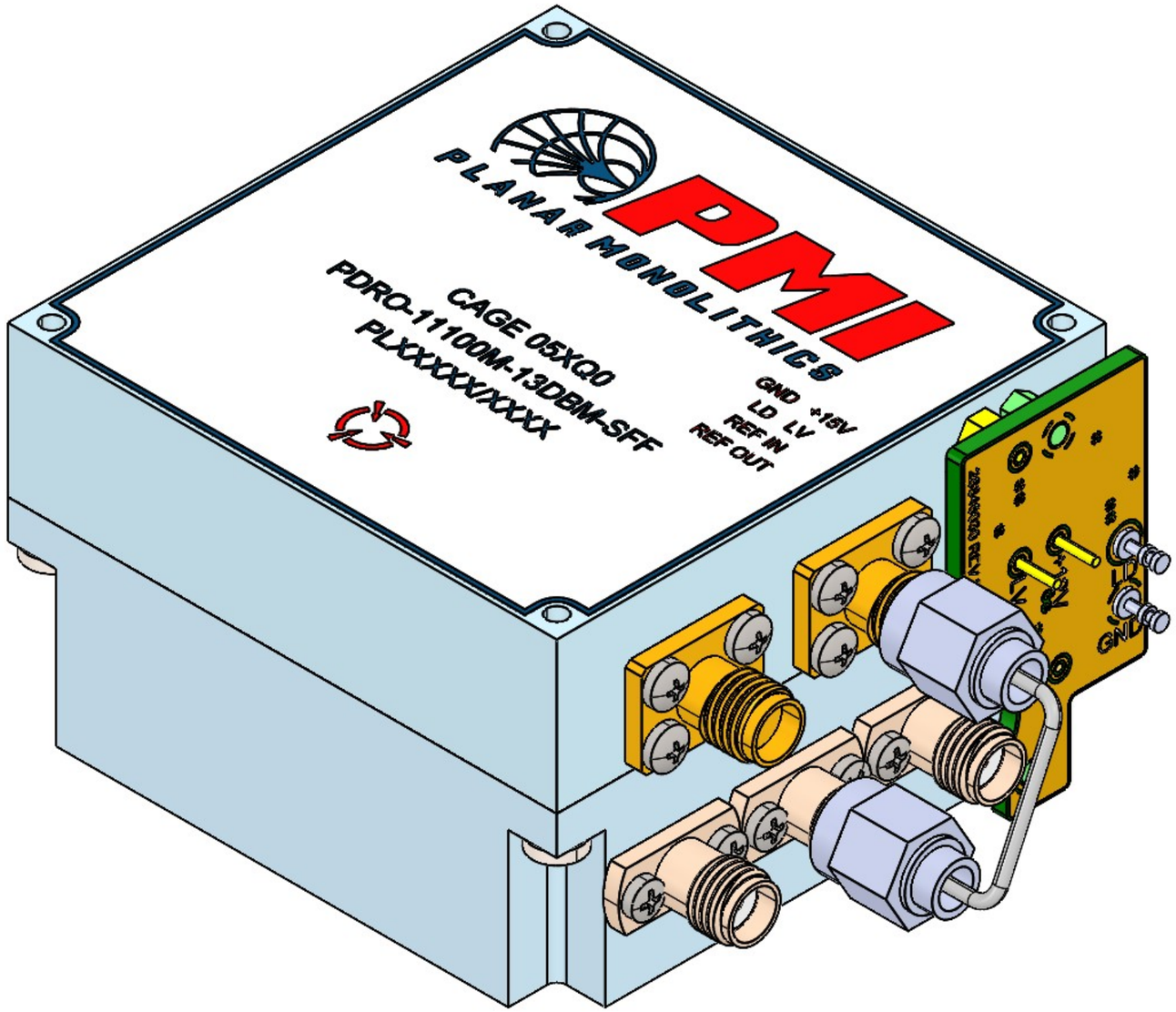
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	10/16/2026	

DESCRIPTION

PMI MODEL PDRO-11100M-13DBM-SFF IS A PDRO WITH AN OUTPUT FREQUENCY OF 11.1 GHZ AND A MINIMUM OUTPUT LEVEL OF 13 DBM. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- OUTPUT FREQUENCY: ——— 11.1 GHz
- REFERENCE FREQUENCY: ——— 10 MHz
- INPUT LEVEL: ——— +3 TO +10 DBM
- OUTPUT LEVEL: ——— +13 DBM MIN
- SPURIOUS: ——— -70 DBC MAX
- HARMONICS: ——— -20 DBC MAX
- LOAD VSWR: ——— 1.5:1
- PHASE NOISE: ——— -88 dBc/Hz @ 100 Hz MAX
  -110 dBc/Hz @ 1 kHz MAX
  -118 dBc/Hz @ 10 kHz MAX
  -120 dBc/Hz @ 100 kHz MAX
  -140 dBc/Hz @ 1 MHz MAX
- FREQUENCY STABILITY: ——— SAME AS REFERENCE
- SUPPLY VOLTAGE: ——— +12 V ± 10%
- CURRENT: ——— 450 mA MAX
- LOCK DETECTOR: ——— TTL HIGH - LOCK, TTL LOW - OUT OF LOCK
- WARM UP TIME: ——— 5 MINUTES
- CONNECTORS: ——— SMA FEMALE
- FINISH: ——— NICKEL PLATED



ENVIRONMENTAL RATINGS

- TEMPERATURE: ——— -40°C TO +70°C (OPERATING)
  -55°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

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ± DECIMALS .XX ± 0.02 .XXX ± 0.01 ANGLES ±

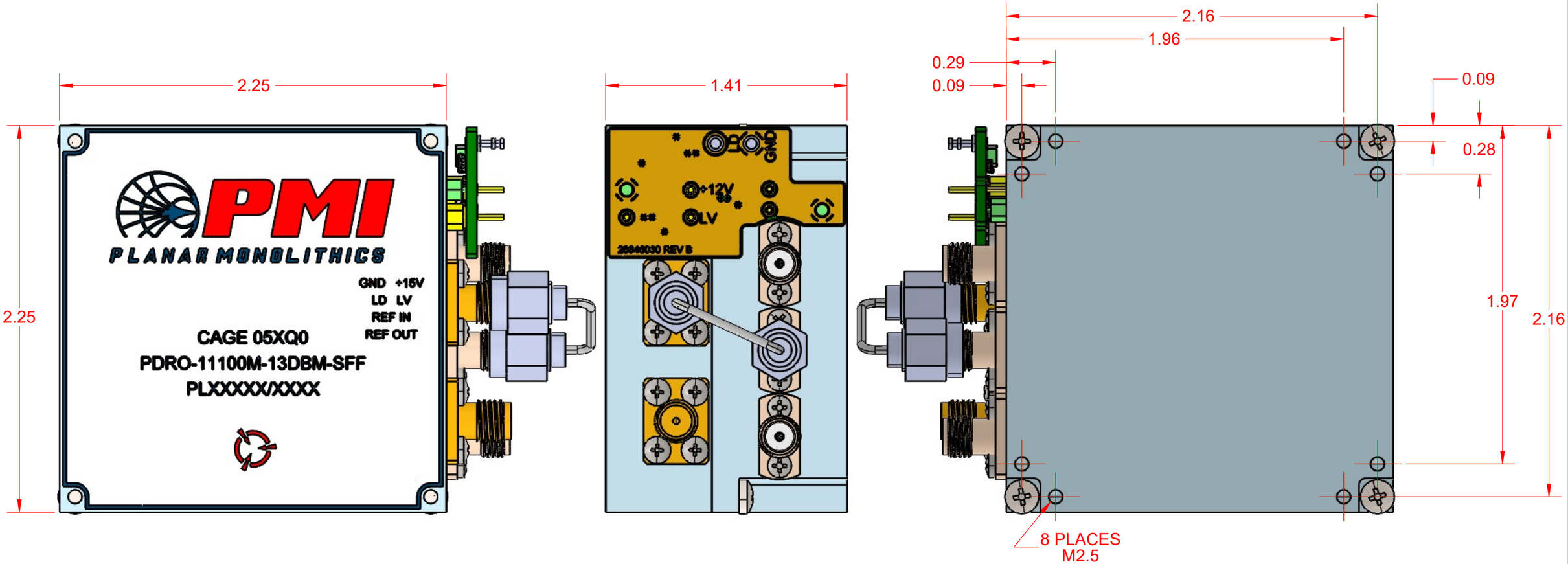
APPROVALS	DATE
DRAWN A. SABADOS	10/16/2026
REDRAWN	
ISSUED	

PMI
PLANAR MONOLITHICS
7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA
TEL: (301) 662-5019, FAX: (301) 662-1731
WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM
ISO 9001 CERTIFIED

TITLE: PRODUCT FEATURE
PDRO-11100M-13DBM-SFF

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	PRELIMINARY	1

SCALE 2:1 SHEET 1 OF 2



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TITLE			
PRODUCT FEATURE PDRO-11100M-13DBM-SFF			
SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	PRELIMINARY	1
SCALE 1:1			SHEET 2 OF 2