

DESCRIPTION

PMI MODEL NO. PLO-13D795G-10M-INT-SMA IS A PLO WITH AN OUTPUT FREQUENCY OF 13.795 GHz AND MINIMUM OUTPUT POWER OF +10 dBm. THIS MODEL IS OUTFITTED WITH SMA RF CONNECTORS.

SPECIFICATIONS

- OUTPUT FREQUENCY: ----- 13.795 GHz
- REFERENCE FREQUENCY: ----- INTERNALLY REFERENCED
- 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: -----
 - 80 dBc/Hz MAX @ 1 kHz
 - 90 dBc/Hz MAX @ 10 kHz
 - 95 dBc/Hz MAX @ 100 kHz
 - 114 dBc/Hz MAX @ 1 MHz
- FREQUENCY STABILITY: ----- +/-25 PPM
- FREQUENCY ACCURACY: ----- +/-100 kHz (+/-7.25 ppm)
- 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

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

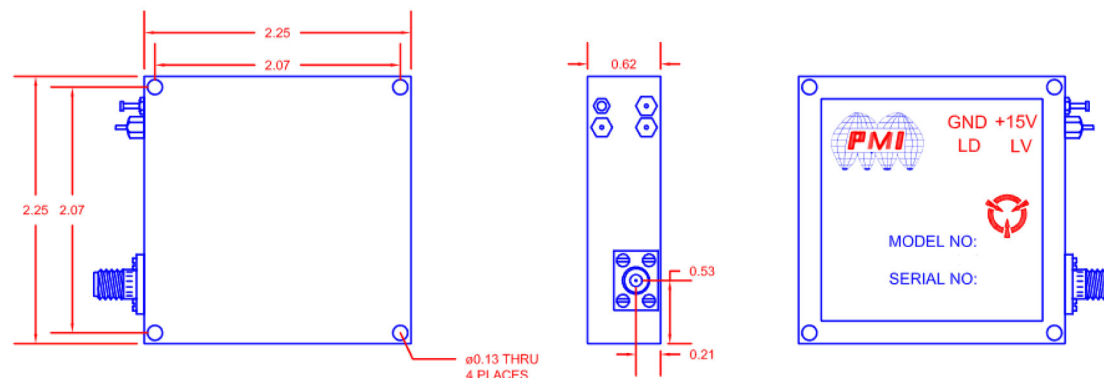
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	6/13/2025	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

7309-A 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



APPROVALS		DATE		TITLE			
DRAWN		AG		6/13/2025			
REDRAWN							
ISSUED							
SIZE		A		FSCM NO.		DWG NO.	
				05XQ0		PRELIMINARY	
SCALE		N:S				SHEET	
						1 OF 1	