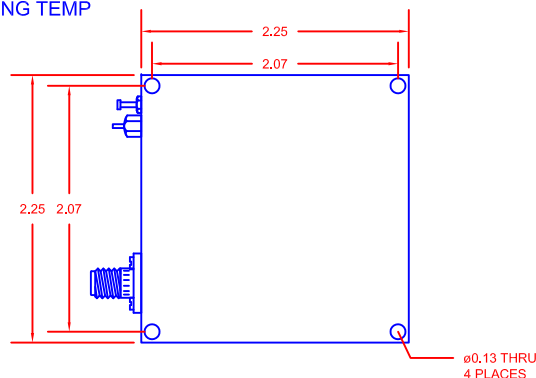


DESCRIPTION

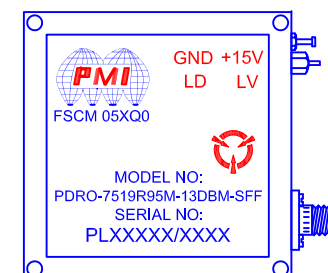
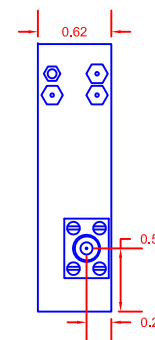
PMI MODEL NO. PDRO-7519R95M-13DBM-SFF IS A PDRO WITH AN OUTPUT FREQUENCY OF 7519.95 MHz AND A MINIMUM OUTPUT LEVEL OF +13 dBm. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- OUTPUT FREQUENCY: ----- 7519.95 MHz
- REFERENCE FREQUENCY: ----- INNER
- WARM UP TIME: ----- 5 MINUTES MAX
- FREQUENCY ACCURACY @ 25°C: ----- +1 ppm MAX
- FREQUENCY STABILITY: ----- +2 ppm MAX OVER OPERATING TEMP
- OUTPUT LEVEL: ----- +13 dBm MIN
- SPURIOUS: ----- -80 dBc MAX
- HARMONICS: ----- -20 dBc MAX
- LOAD VSWR: ----- 1.5:1
- PHASE NOISE @ 25°C: -----
 - 77 dBc/Hz @ 100 Hz MAX
 - 107 dBc/Hz @ 1 kHz MAX
 - 120 dBc/Hz @ 10 kHz MAX
 - 121 dBc/Hz @ 100 kHz MAX
 - 137 dBc/Hz @ 1 MHz MAX
 - 150 dBc/Hz @ 15 MHz MAX
- MECH TUNING: ----- NONE
- SUPPLY VOLTAGE: ----- +15 V \pm 10%
- CURRENT: ----- 450 mA MAX STEADY, 850 mA MAX SURGE
- LOCK DETECTOR: ----- TTL HIGH - LOCK
- LOCK DETECTOR VOLTAGE RANGE: ----- 0 V - 5 V
- LOCK VOLTAGE RANGE: ----- 0 V - 10 V
- CONNECTOR: ----- RF CONNECTOR: SMA FEMALE
POWER: THROUGH CAP
- DIMENSIONS: ----- 2.25" x 2.25" x 0.62"



MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- 0°C TO +50°C (OPERATING)
-40°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


ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X.XX \pm 0.020
X.XXX \pm 0.010

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	3/7/2019	

PLANAR MONOLITHICS INDUSTRIES, INC. 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						
APPROVALS		DATE		TITLE		
DRAWN <i>EW</i>		12/14/18		PRODUCT FEATURE PDRO-7519R95M-13DBM-SFF		
REDRAWN				SIZE	FSCM NO.	DWG NO.
ISSUED				A	05XQ0	27336600
				SCALE	N:S	SHEET 1 OF 1
				REV. A1		