

DESCRIPTION

PMI MODEL NO. PA-23-56-2W-GPOMM IS A POWER AMPLIFIER THAT OPERATES OVER THE FREQUENCY RANGE OF 5.0 TO 6.0 GHz. IT HAS A TYPICAL SMALL SIGNAL GAIN OF 23 dB AND A TYPICAL RATED INPUT POWER OF +13 dBm. THIS MODEL IS OUTFITTED WITH GPO MALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: 5.0 TO 6.0 GHz
- RATED INPUT POWER: +13 dBm TYP
- SATURATION OUTPUT POWER: +33 dBm MIN
- SMALL SIGNAL GAIN: 23 dB TYP
- INPUT VSWR: 2:1 TYP
- OUTPUT VSWR: 2:1 TYP
- DC SUPPLY VOLTAGE: +24.5 V MIN, +25 V TYP, +25.5 V MAX
- CURRENT SUPPLY: 800 mA
- RF CONNECTORS IN/OUT: GPO MALE
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40 °C TO +85 °C (OPERATING)
-50 °C TO +85 °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

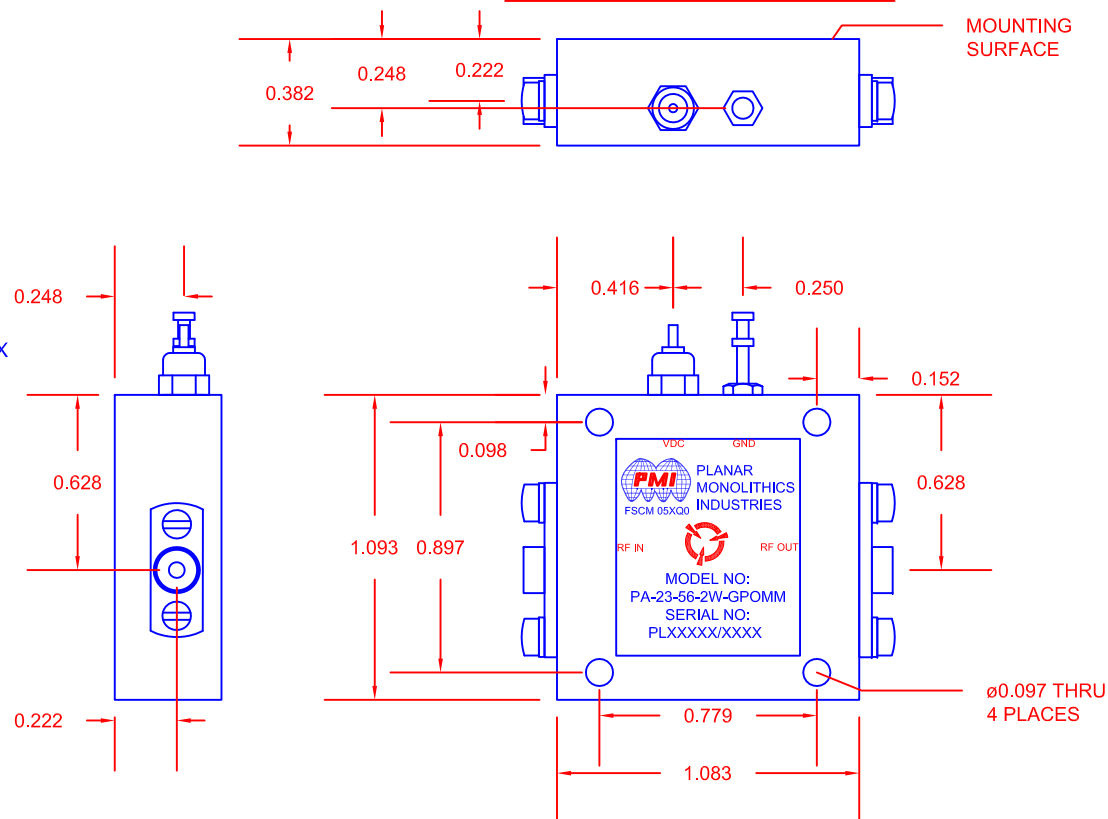
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	7/18/2019	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE PA-23-56-2W-GPOMM				
APPROVALS	DATE					
DRAWN <i>EW</i>	7/18/19					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV -	
ISSUED		SCALE N:S		SHEET 1 OF 1		