

DESCRIPTION:

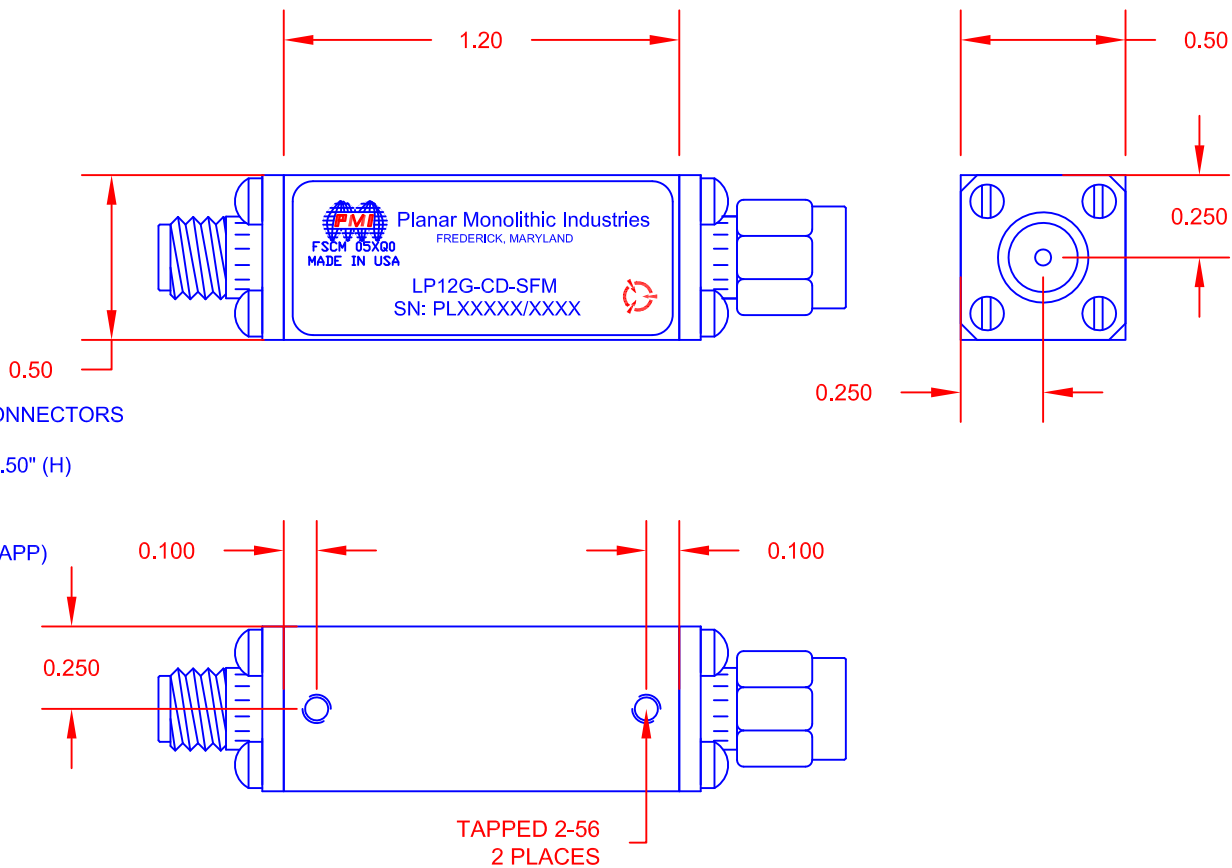
PMI model number LP12G-CD-SFM is a Microstrip Lowpass filter with SMA female/male connectors in/out.

Ideal for extreme temperaturea applciations.

SPECIFICATIONS:

- PASSBAND: 12 GHz
- 3dB BANDWIDTH: 12 GHz TYP.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 2.0 dB TYP.
- REJECTION @ 12.5 GHz: -15 dB MIN.
- REJECTION @ 13.2 GHz: -50 dB MIN.
- REJECTION @ 18 GHz: -70 dB MIN.

- CONNECTORS: SMA FEMAL/MALE CONNECTORS
- SIZE: 1.20" (L) x 0.50" (W) x 0.50" (H)
- WEIGHT: 2 OZ. TYP.
- FINISH: BRASS (CRYOGENIC APP)



ENVIRONMENTAL RATINGS:

- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	8/27/23	

PMI CONFIDENTIAL AND PROPRIETARY

PART NO.		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE ROAD FREDERICK, MARYLAND			
APPROVALS		DATE		TITLE OUTLINE DRAWING LP12G-CD-SFM	
DRAWN S PALACIO		8/27/23			
CHECKED					
ISSUED					
		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. —
		SCALE N/A			SHEET 1 OF 1