

DESCRIPTION:

PMI model number LP10G-11D5G-CD-SFF is a Suspended Substrate Lowpass filter with SMA female connectors in/ out. Offers very high Q with broadband performance in a silver plated CNC machined housing. This unit has very low loss and is ideal for eliminating broadband harmonics.

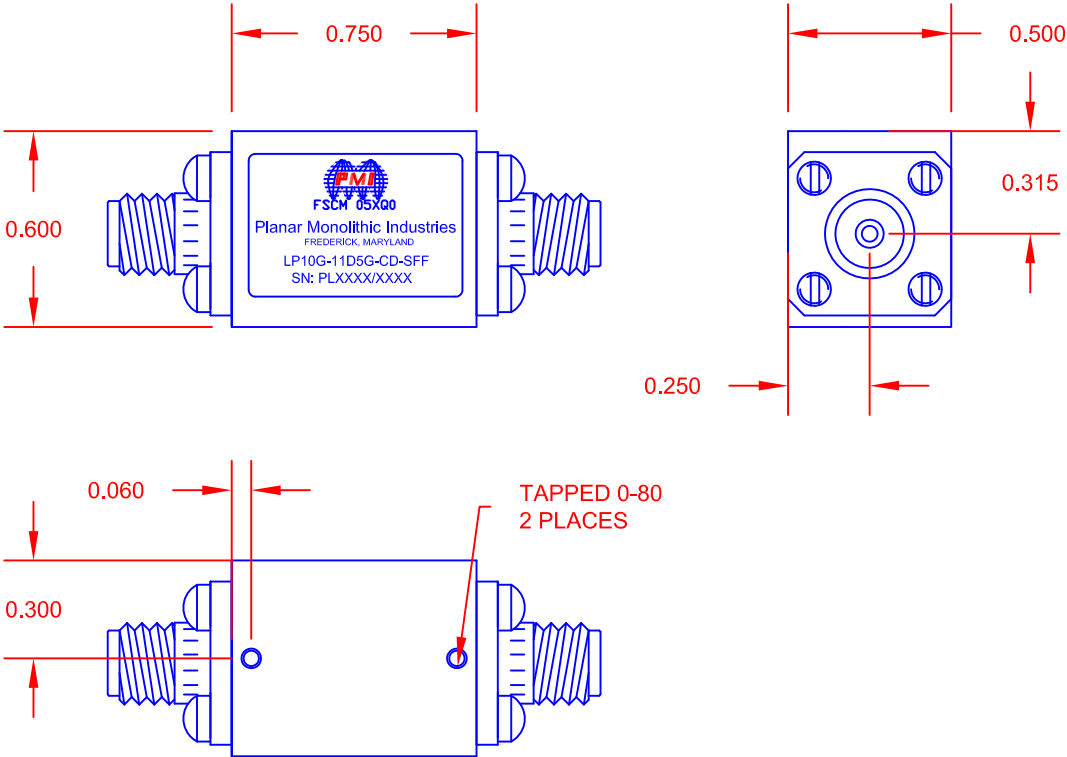
SPECIFICATIONS:

- PASSBAND: 10000 MHz
- 3dB BANDWIDTH: 10500 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): -2 dB
- REJECTION AT 11.5 GHz: -25 dB MIN.
- REJECTION FROM 13 TO 20 GHz: -60 dB MIN.
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 0.75" (L) x 0.50" (W) x 0.60" (H)
- WEIGHT: 1 OZ. TYP.

ENVIRONMENTAL RATINGS:


- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- 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 ±0.010
X.XXX ±0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	11/11/08	

PART NO.		 PLANAR MONOLITHICS INDUSTRIES 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND		
APPROVALS		DATE	TITLE	
DRAWN S PALACIO		11/11/08	OUTLINE DRAWING LP10G-11D5G-CD-SFF	
CHECKED				
ISSUED			SIZE A	REV. A
			FSCM NO. 05XQ0	
			DWG NO. 27010044	
			SCALE N/A	SHEET 1 OF 1