

## DESCRIPTION:

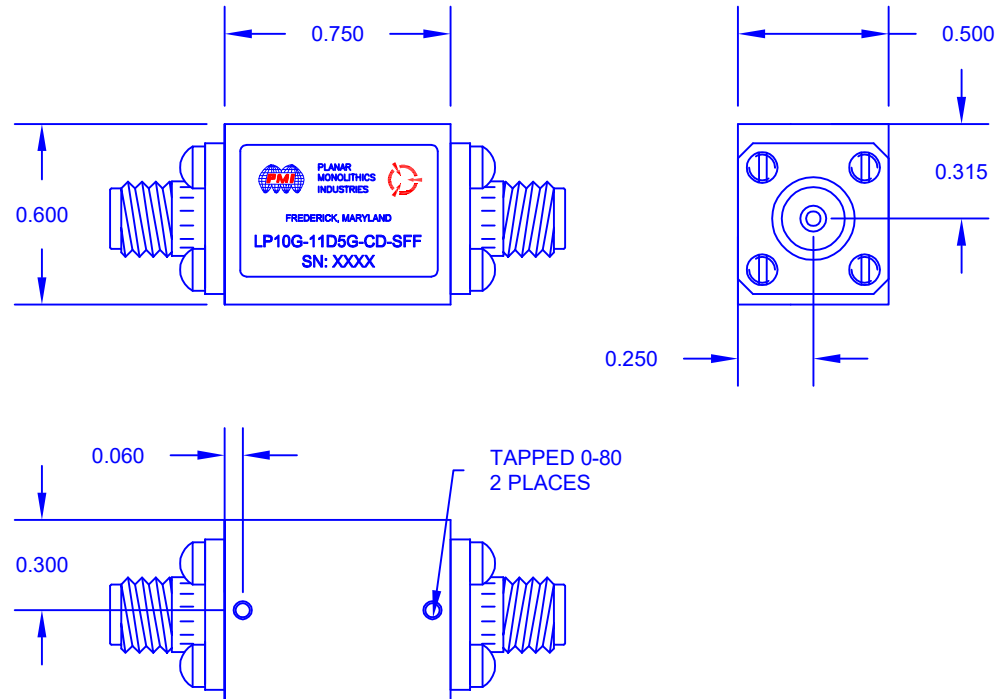
PMI model number LP10G-11D5G-CD-SFF is a Suspended Substrate Lowpass filter with SMA female connectors in/ out. Offers very high Q with broadband performance in a silver plated CNC machined housing. This unit has very low loss and is ideal for eliminating broadband harmonics.

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	ORIGINAL RELEASE	27/12/00
	A	CHANGE SPECIFICATIONS	7/6/01

## 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:  
XXX ±0.010  
XXXX ±0.005

PART NO. 246-0532		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD. FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN S PALACIO	27/12/00	OUTLINE DRAWING LP10G-11D5G-CD-SFF	
CHECKED			
ISSUED			
		SIZE A	FSCM NO. 1QJW0
		DWG NO. 155-0532	REV. A
		SCALE N/A	SHEET 1 OF 1