

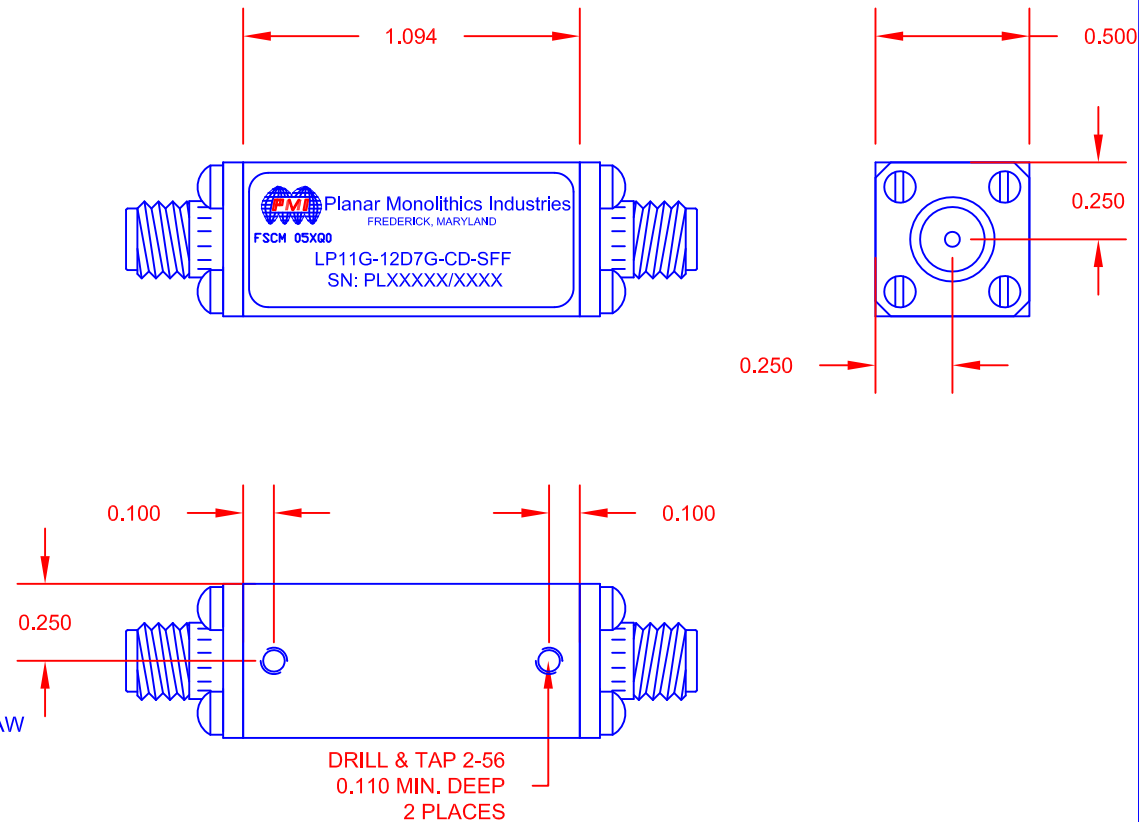
DESCRIPTION:

PMI model number LP11G-12D7G-CD-SFF is a Microstrip 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	APPROVED
	A1	ORIGINAL RELEASE	12/8/08	
	A2	ECN # 14-0124	07/30/14	

SPECIFICATIONS:

- PASSBAND: DC TO 10000 MHz
- 3dB BANDWIDTH: 11000MHz
- VSWR IN THE PASS BAND: 1.7:1 MAX.
- INSERTION LOSS (PASSBAND): 1.0 dB MAX.
- REJECTION @ 55 dB: 12700 TO 17500 MHz
- PHASE LINEARITY: +/- 1 deg.
@ 4400 TO 10000 MHz
OVER EVERY 10 MHz
- RIPPLE: +/- 0.2 dB MAX.
@ 4400 TO 10000 MHz
OVER EVERY 10 MHz
- AVERAGE POWER: 15 Watts
- IMPEDANCE: 50 Ohms
- CONNECTORS: SMA Female
- SIZE: 1.094" (L) x 0.50" (W) x 0.50" (H)
- WEIGHT: 1 OZ. TYP.
- FINISH: GRAY EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.



PMI CONFIDENTIAL AND PROPRIETARY

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 ±0.020
X.XXX ±0.010

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN S. PALACIO		12/08/08	PRODUCT FEATURE LP11G-12D7G-CD-SFF			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27009964	REV. A2
ISSUED			SCALE N:S		SHEET 1 OF 1	