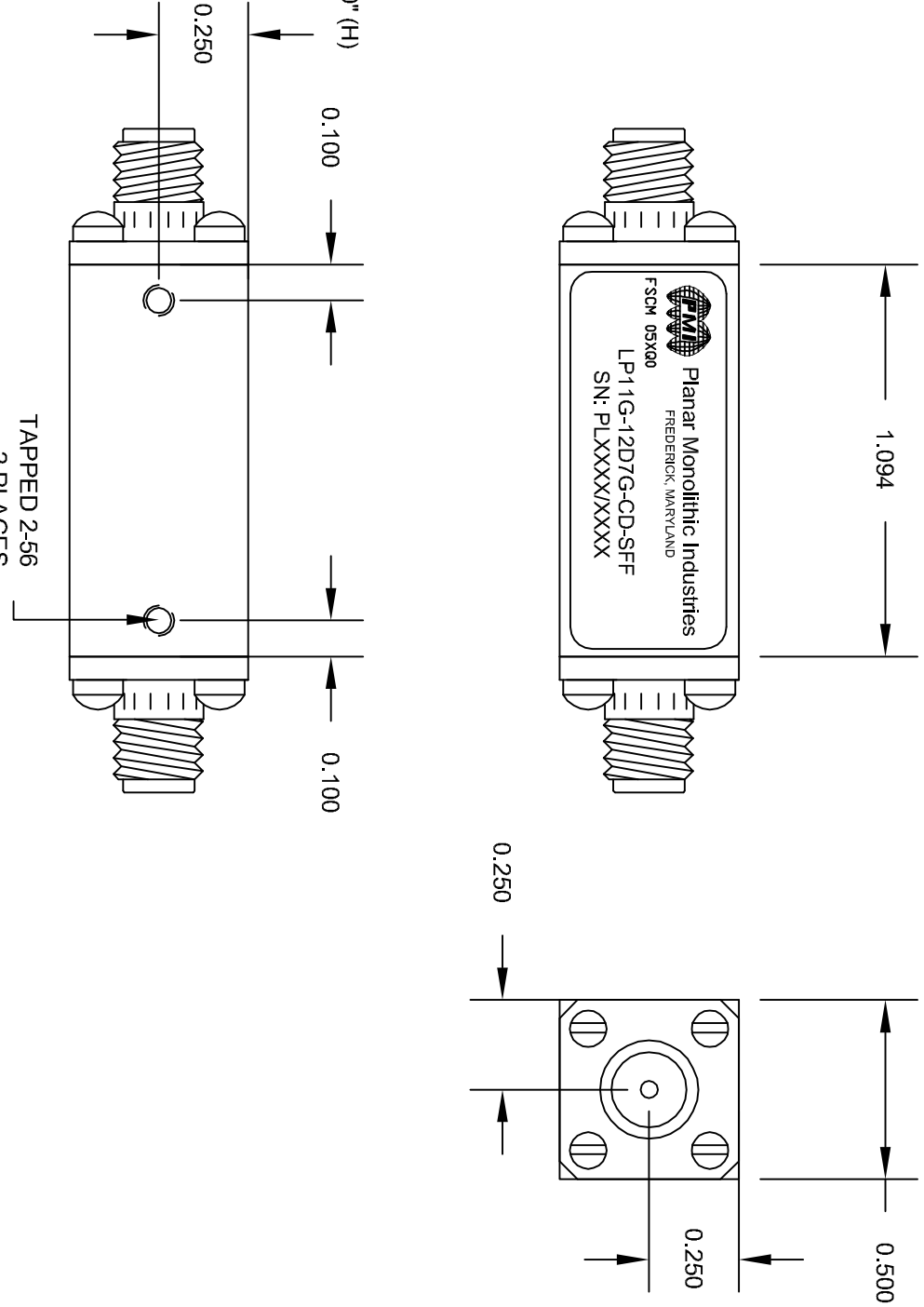


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	12/8/08	

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.

- 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.



- 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 .40,010
 XXX .40,005

PART NO.		TITLE	
APPROVALS		PLANAR MONOLITHICS INDUSTRIES 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND	
DATE	DATE	OUTLINE DRAWING LP11G-12D7G-CD-SFF	
12/8/08		SIZE	FSCM NO.
		A	05XQ0
		SCALE	DWG NO.
		N/A	27009964
ISSUED		SHEET	REV.
		1	A
		1	OF 1