

DESCRIPTION:

PMI model number 8LP3G-3D1G-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: 3000 MHz
- 3dB BANDWIDTH: 3100 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) -1.5 dB
- REJECTION- 5 POLE RESPONSE
40 dB @ 4000 MHz
30 dB @ 8000 MHz
- INPUT POWER: 20 W CW MIN.
50 W CW GOAL.
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 1.40" (L) x 1.25" (W) x 0.50" (H)
- WEIGHT 1 OZ. TYP.

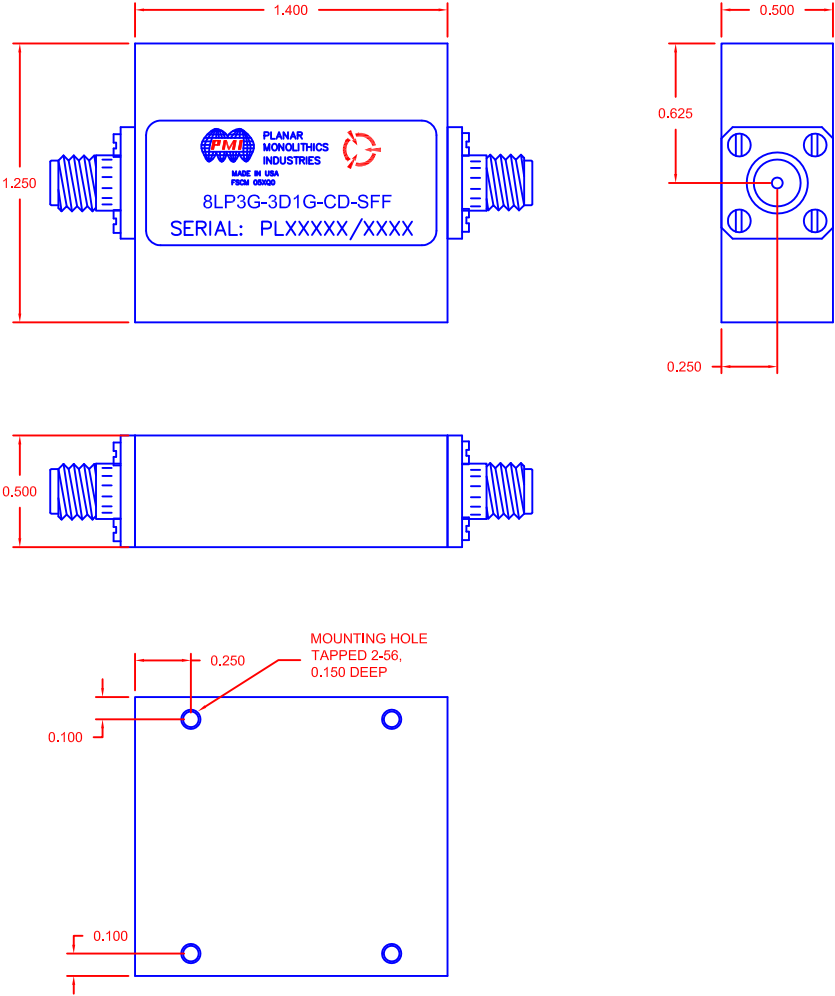
ENVIRONMENTAL RATINGS:

- 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:
X.XX ±0.010
X.XXX ±0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	01/10/02	
	1	SPEC UPDATES	6/14/17	
	2	SPEC UPDATES	8/9/17	



CONFIDENTIAL AND PROPRIETARY

PART NO.		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND		
APPROVALS		DATE	TITLE	
DRAWN <i>RAB</i>		01/10/02	PRODUCT FEATURE 8LP3G-3D1G-CD-SFF	
CHECKED				
ISSUED				
			SIZE A	FSCM NO. 05XQ0
			DWG NO. PRELIMINARY	REV. 2
			SCALE N/S	SHEET 1 of 1