

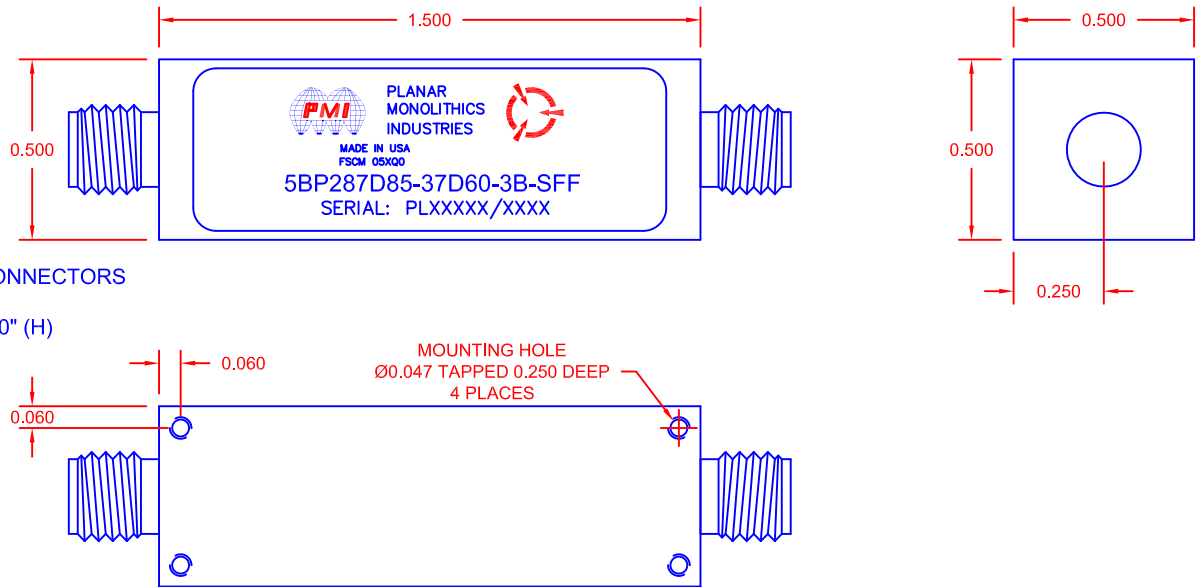
**DESCRIPTION:**

PMI model number 5BP287D85-37D60-3B-SFF is a lowpass filter with SMA connectors in and out.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	3/6/20	

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 287.85 MHz
- 3dB BANDWIDTH: . . . . . 37.60 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) . . . . . 2.5 dB TYP.
- REJECTION 5 POLE RESPONSE
- CONNECTORS: . . . . . SMA FEMALE / MALE CONNECTORS
- SIZE . . . . . 1.50" (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

**CONFIDENTIAL AND PROPRIETARY**

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
X.XX ±0.010  
X.XXX ±0.005

PART NO.		 <b>PLANAR MONOLITHICS INDUSTRIES</b> 7311-F GROVE RD FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN <i>S. PALAJO</i>	01/31/02	PRODUCT FEATURE		
REDRAWN <i>EW</i>	3/6/20	5BP287D85-37D60-3B-SFF		
ISSUED		SIZE A	FSCM NO. 1QJWO	DWG NO. PRELIMINARY
		SCALE N/S	SHEET 1 of 1	