

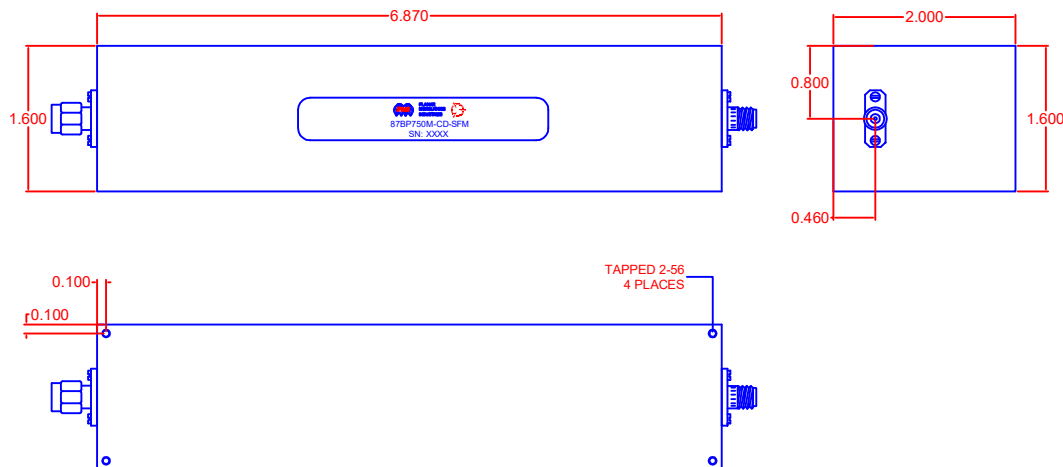
**DESCRIPTION:**

PMI model number 87BP750M-CD-SFM is a Cavity filter with SMA connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	1/6/05	

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 750 MHz
- 1dB BANDWIDTH: . . . . . 500 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) . . . . . 2.0dB MAX.
- REJECTION: . . . . . 40dBc @ 8 TO 12.5 GHz  
40dBc @ 1100 MHz  
40dBc @ 400 MHz
- CONNECTORS: . . . . . SMA (Male/Female)
- SIZE . . . . . 6.87" (L) x 1.60" (W) x 2.00" (H)




**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

CONFIDENTIAL AND PROPRIETARY

PART NO. 27000576		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND			
APPROVALS	DATE	TITLE			
DRAWN <i>JP</i>	1/6/05	PRODUCT FEATURE 87BP750M-CD-SFM			
CHECKED		SIZE	FSCM NO.	DWG NO.	REV.
ISSUED		A	1QJWO	27000576	-
		SCALE	N/S	SHEET	1 of 1