

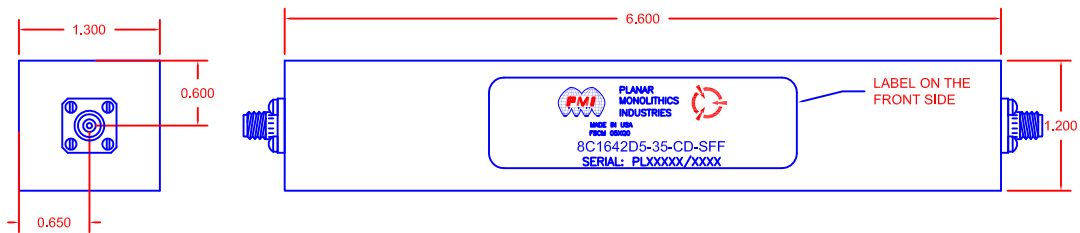
**DESCRIPTION:**

PMI model number 8C1642D5-35-CD-SFF is a Cavity filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

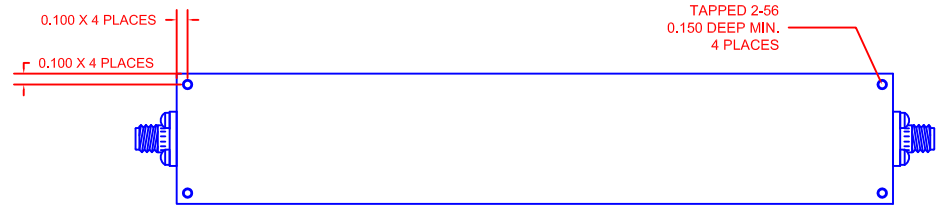
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	1/21/08	

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 1642.5 MHz
- 3dB BANDWIDTH: . . . . . 35 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) . . . . . 1.5 dB MAX.
- REJECTION 8 POLE RESPONSE



- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE . . . . . 6.60" (L) x 1.20" (W) x 1.30" (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

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 155-1598		 <b>PLANAR MONOLITHICS INDUSTRIES</b> 7311-F GROVE RD FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN S. PALACIO	1/21/08	OUTLINE DRAWING 8C1642D5-35-CD-SFF		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	1QJWO	155-1598
		SCALE	N/A	SHEET 1 OF 1