

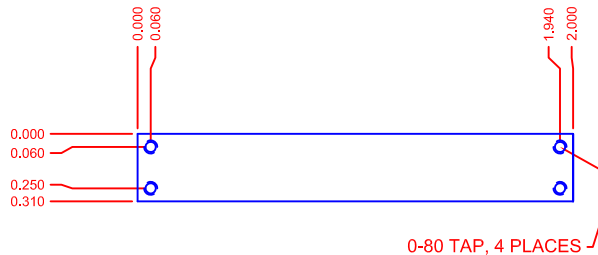
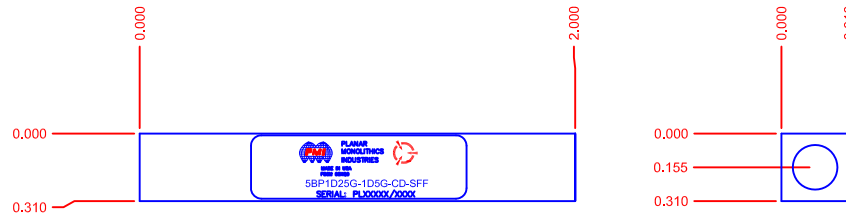
**DESCRIPTION:**

PFC model number 5BP1D25G-1D5G-CD-SFF is a Lumped Element 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	4/22/05	

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 1250 MHz
- PASSBAND . . . . . 1500 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 TYP. MAX.
- INSERTION LOSS (PASSBAND) . . . . . <= 1 dB MAX.
- RESPONSE . . . . . 4 POLE CHEBYSHEV
- IMPEDANCE . . . . . 50 OHMS
- CONNECTORS: . . . . . SMA-FEMALE
- SIZE . . . . . 2.0" (L) x .31" (W) x .31" (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. 27000973		 <b>PLANAR MONOLITHICS INDUSTRIES</b> 7311-F GROVE RD FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>P. Shockley</i>	4/25/05	PRODUCT FEATURE 5BP1D25G-1D5G-CD-SFF	
CHECKED		SIZE	FSCM NO.
ISSUED		A	1QJWO
		DWG NO.	27000973
		SCALE	N/S
		REV.	-
		SHEET	1 of 1