

DESCRIPTION:

PFC model number 7CL5125-1490-CD-SFF is a Combine Bandpass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

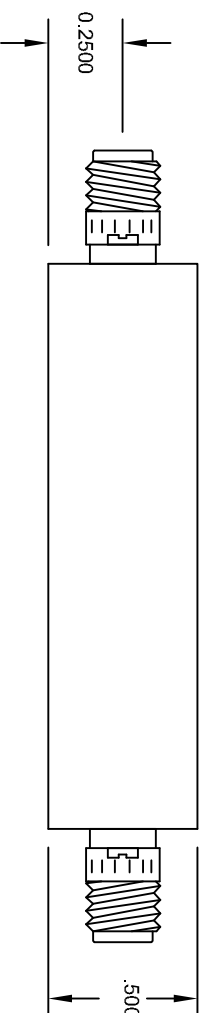
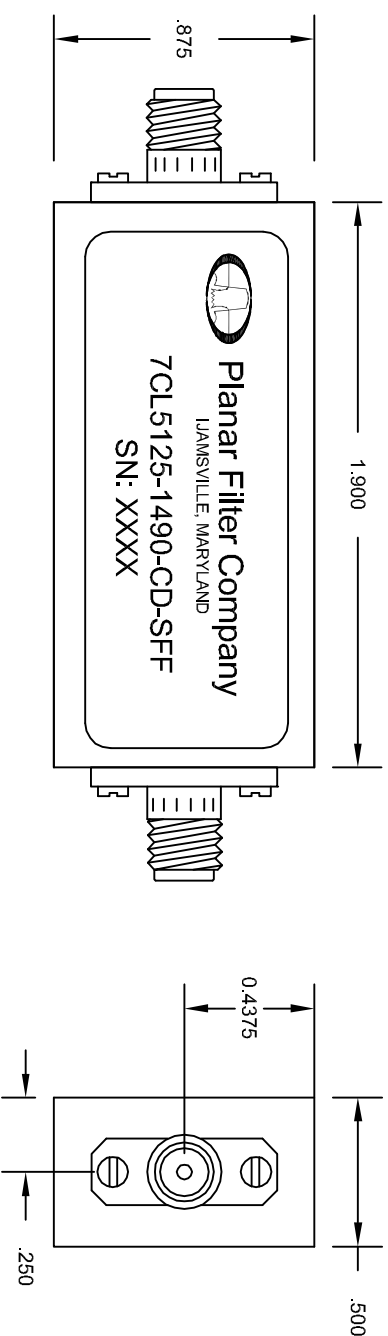
REVISIONS		DESCRIPTION	DATE	APPROVED
ZONE	REV.			
	A	ORIGINAL RELEASE	1/3/07	
	B	SEE ECN PF08-001	6-27-08	
	C	ADDED REJECTION SPEC	8-12-08	

SPECIFICATIONS:

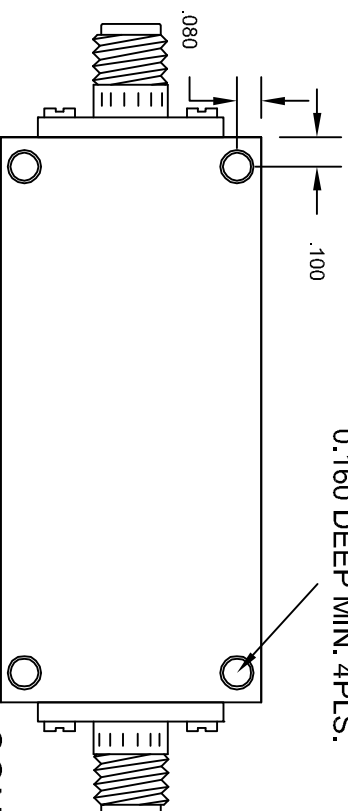
- CENTER FREQUENCY: 5125 MHz
- 1dB BANDWIDTH: 4380-5870 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) ≤ -1 dB MAX.
- REJECTION: -40 dB 3000 to 3658 MHz
 -40 dB 6650 to 7300 MHz
 -65 dB 1500 to 2500 MHz
 -65 dB 7800 to 10000 MHz

- CONNECTORS: SMA FEMALE CONNECTORS

- SIZE 1.9" (L) x 0.875" (W) x 0.500" (H)
- WEIGHT 1 OZ. TYP.



4 X 4-40 TAPPED HOLES
0.160 DEEP MIN. 4PLS.



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

PMI PLANAR MONOLITHICS INDUSTRIES
5715 INDUSTRY LANE UNIT 11
FREDERICK, MARYLAND

TITLE
7CL5125-1490-CD-SFF
DUTLINE

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.		APPROVALS		DATE	
DRAWN		CHECKED		ISSUED	
PMV				6-27-08	
SIZE		FSCM NO.		DWG NO.	
A		1QJWO		27008583	
SCALE		N/S		SHEET	
				1 of 1	
REV.				C	