

REVISIONS		DATE	APPROVED
ZONE	REV.		
	A	8/26/09	

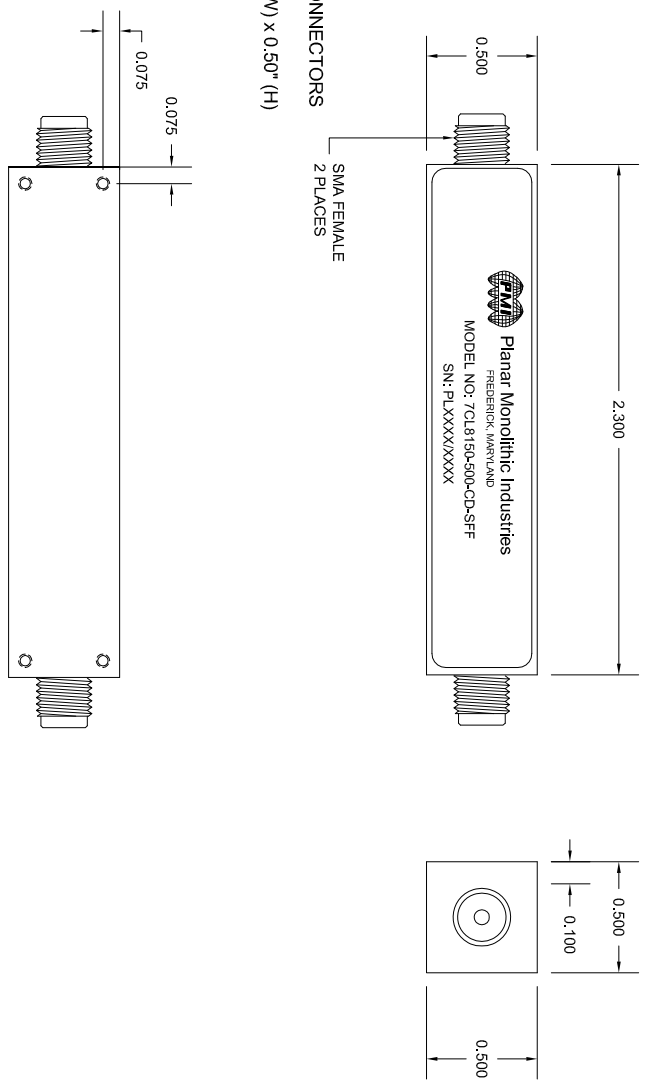
DESCRIPTION ORIGINAL RELEASE

**DESCRIPTION:**  
 PMI model number 7CL8150-500-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.

**SPECIFICATIONS:**

- CENTER FREQUENCY: 8150 MHZ
- PASSBAND: 7900 TO 8400 MHZ
- 1dB BANDWIDTH: 500 MHZ
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 1 DB MAX.
- REJECTION FROM 7.25 TO 7.75 GHz: 20 DB TYP.

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.30" (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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		TITLE	
APPROVALS		PLANAR MONOLITHICS INDUSTRIES 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND	
DRAWN	DATE	OUTLINE DRAWING	
S PALACIO	8/26/09	7CL8150-500-CD-SFF	
CHECKED		SIZE	DWG NO.
ISSUED		A 05X00	27011481
		SCALE	SHEET
		N/A	1 OF 1
			REV. A

ALL DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 XXX .0010  
 XXXX .0005