

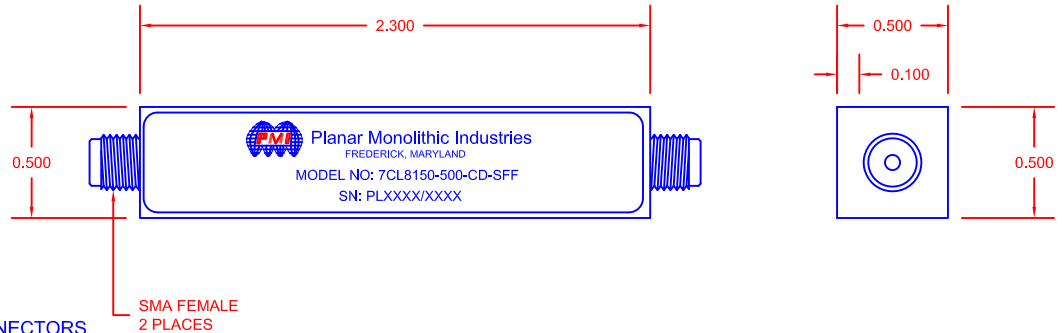
DESCRIPTION:

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.

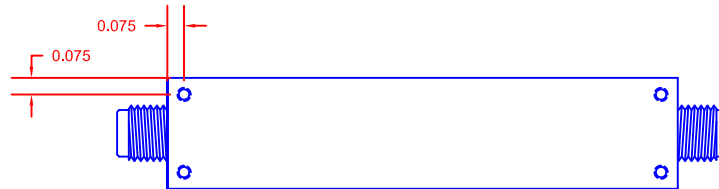
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	8/26/09	

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

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.		 PLANAR MONOLITHICS INDUSTRIES 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN S PALACIO	8/26/09	OUTLINE DRAWING 7CL8150-500-CD-SFF		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	05XQ0	27011481
		SCALE	N/A	SHEET 1 OF 1
		REV.	A	