

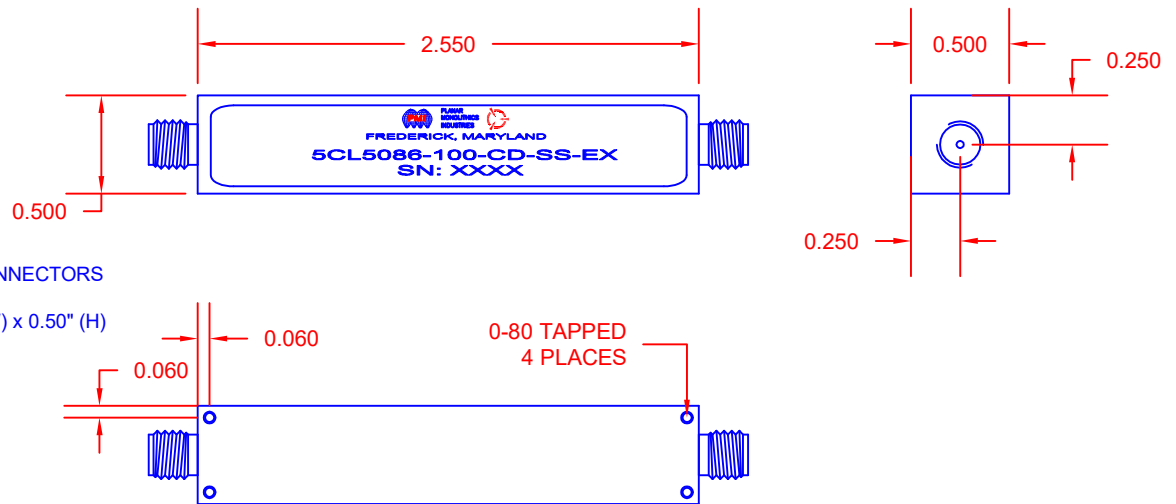
**DESCRIPTION:**

PMI model number 5CL5086-100-CD-SS-EX is a Combine 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	8/30/00	
	A	CHANGE SPECIFICATIONS	7/6/01	

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 5086 Mhz
- 3dB BANDWIDTH: . . . . . 100 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) . . . . . <= -4 dB MAX.
- REJECTION FROM DC TO 10.5 GHz: . . . . . -40 dB
- REJECTION FROM 11.1 TO 32.4 GHz: . . . . . -40 dB




- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE . . . . . 2.55" (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

PART NO. PF60-303		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN S. PALACIO	8/30/00	OUTLINE DRAWING 5CL5086-100-CD-SS-EX	
CHECKED		SIZE A	REV. A
ISSUED		FSCM NO. 1QJW0	DWG NO. 155-0378
		SCALE N/A	SHEET 1 OF 1

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION