

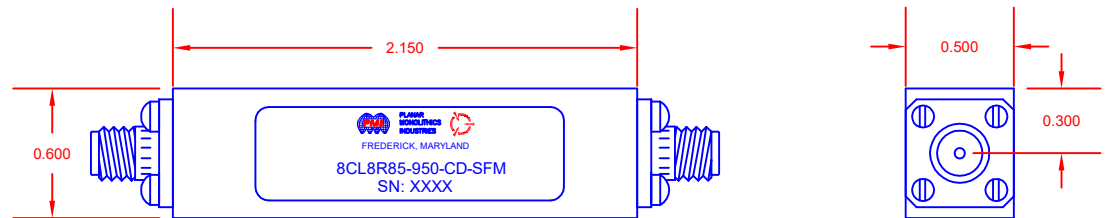
DESCRIPTION:

PMI model number 8CL8R85-950-CD-SFM is a Combine filter with SMA female connectors in and SMA male connectors out. All filters will be machined and silver plated to provide the highest possible Q.

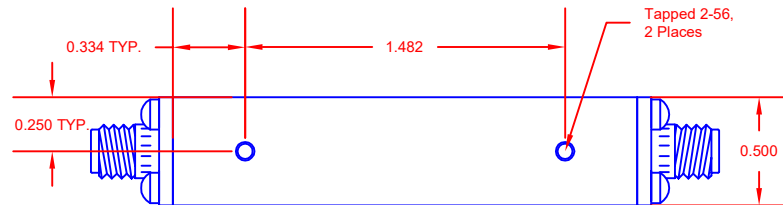
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	7/30/04	
	A	ORIGINAL RELEASE	9/22/04	

SPECIFICATIONS:

- CENTER FREQUENCY: 8.85 GHz
- 1dB BANDWIDTH: 950 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS @ Fc 1.0 dB MAX.
- PASSBAND FLATNESS 1.0dB P-P MAX.
- INSERTION LOSS VARIATION OVER OPERATING TEMP. 1.0dB MAX.
- REJECTION : 8 POLE RESPONSE




- CONNECTORS (IN/OUT): SMA FEMALE / FEMALE
- SIZE 2.150" (L) x 0.600" (W) x 0.500" (H)
- WEIGHT 1 OZ. TYP.



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -20°C TO +70°C (OPERATING)
-40°C TO +85°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.		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN K. MASON	7/30/04	OUTLINE DRAWING 8CL8R85-950-CD-SFM	
CHECKED		SIZE	FSCM NO.
ISSUED		A	1QJW0
		DWG NO.	REV.
			A
SCALE N/A		SHEET 1 OF 1	

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION