

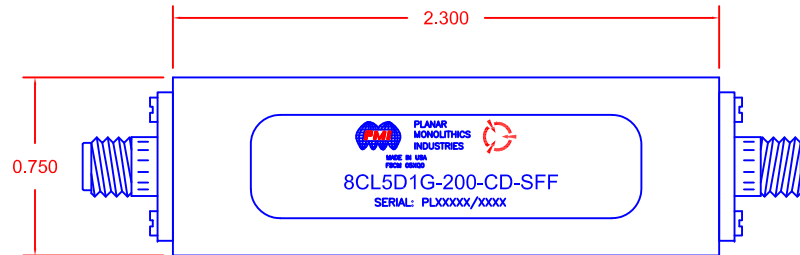
DESCRIPTION:

PMI Model No. 8CL5D1G-200-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.

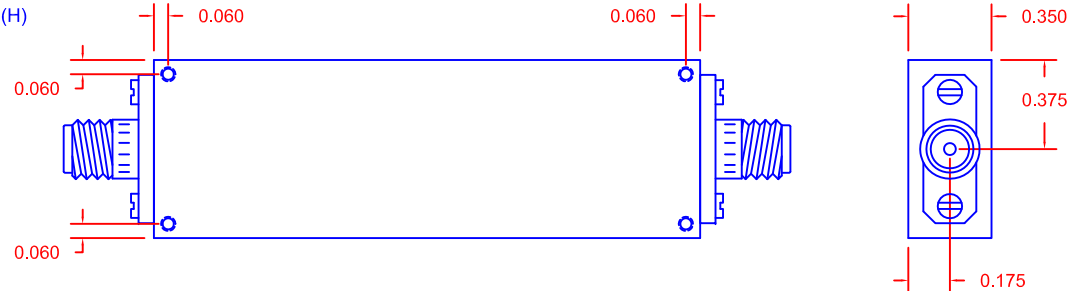
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	9/11/01	

SPECIFICATIONS:

- CENTER FREQUENCY: · · · · · 5100 MHz $\pm$ 200 MHz
- 1dB BANDWIDTH: · · · · · 200 MHz
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · $\leq$ 7 dB MAX.
- REJECTION @ 4900 MHz · · · · · -40 dB
- REJECTION @ 5300 MHz · · · · · -40 dB
- REJECTION FROM 12000 TO 29000 MHz · · · · · -60 dB



- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 2.30" (L) x 0.750" (W) x 0.35" (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 $\pm$ 0.010
X.XXX $\pm$ 0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 155-0890		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN RAB	9/11/01	OUTLINE DRAWING 8CL5D1G-200-CD-SFF	
CHECKED			
ISSUED		SIZE A	FSCM NO. 1QJW0
		DWG NO. 155-0890	REV. —
		SCALE N/A	SHEET 1 OF 1