

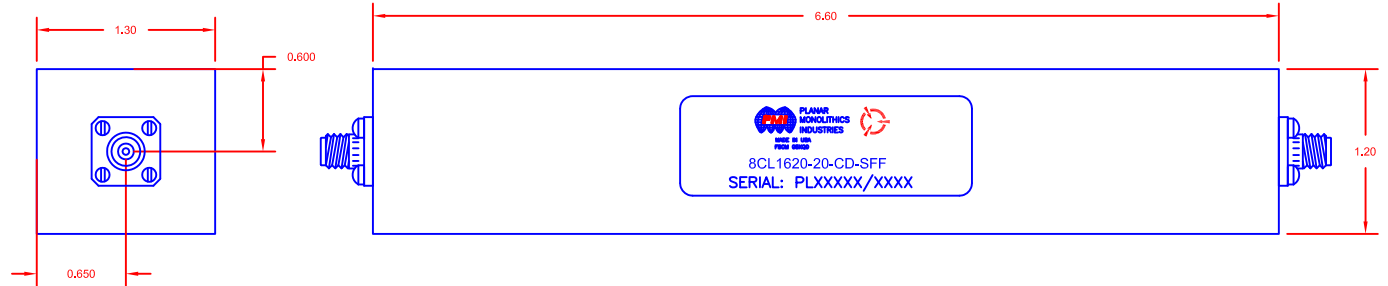
**DESCRIPTION:**

PMI model number 8CL1620-20-CD-SFF is a Combline filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

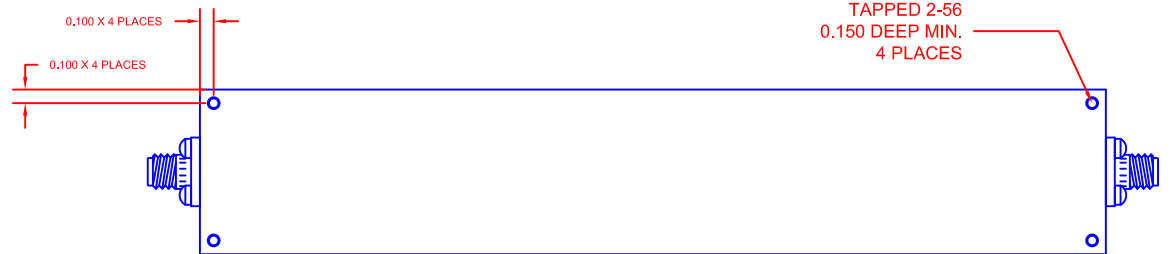
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/2/2022	

**SPECIFICATIONS:**

- CENTER FREQUENCY: 1.62 GHz
- 1dB BANDWIDTH: 20 MHz MIN
- INSERTION LOSS (PASSBAND): 2.0 dB MAX.
- REJECTION AT 1.00 GHz: 80 dB
- REJECTION AT 2.00 GHz: 80 dB



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 6.60" (L) x 1.20" (W) x 1.3" (H)
- WEIGHT: 3 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.		 <b>PLANAR MONOLITHICS INDUSTRIES</b> 7311-F GROVE RD FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN <i>AF</i>	2/2/22	OUTLINE DRAWING 8CL1620-20-CD-SFF		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	1QJWO	
		SCALE	N/A	SHEET 1 OF 1