

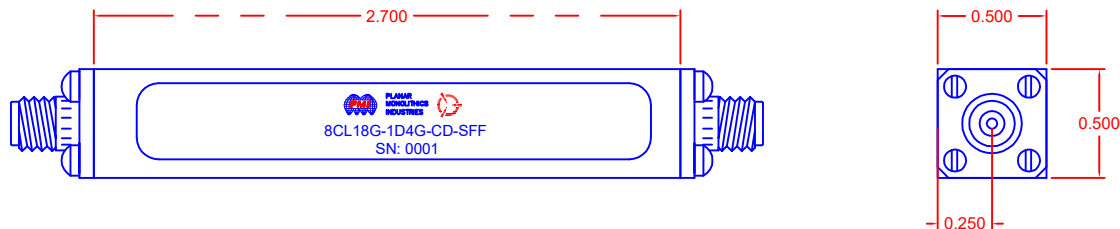
DESCRIPTION:

PMI model number 8CL18G-1D4G-CD-SFF 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.

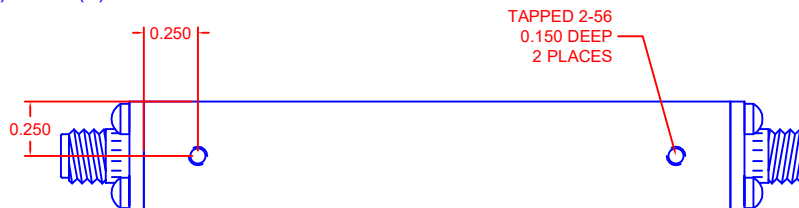
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	12/5/02	

SPECIFICATIONS:

- CENTER FREQUENCY: 18000MHz
- 1dB BANDWIDTH: 17.3 TO 18.7 GHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) <= 3dB MAX.
- REJECTION @ 15000 MHz 80 dB
- REJECTION FROM 20000 TO 34000 MHz 80 dB



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 2.70" (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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

CONFIDENTIAL AND PROPRIETARY

PART NO. 155-1612		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>S. PALAFCO</i>	12/5/02	PRODUCT FEATURE 8CL18G-1D4G-CD-SFF	
CHECKED		SIZE	FSCM NO.
ISSUED		A	1QJWO
		DWG NO.	155-1612
		SCALE	N/S
		REV.	-
		SHEET 1 of 1	