

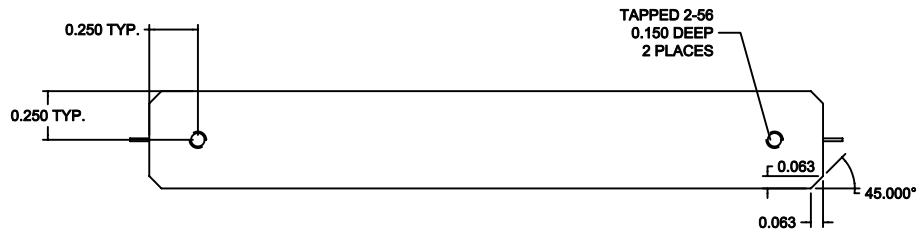
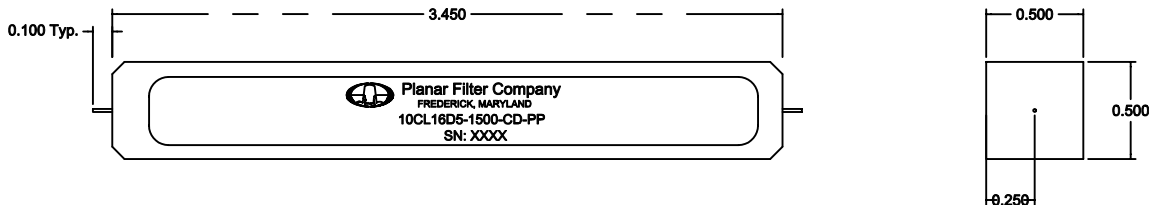
DESCRIPTION:

PFC model number 10CL16D5G-1500-CD-PP is a combine filter with SMA female connectors in and out.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	11/5/04	
	A	Added sections	11/28/04	
	B	Add chamfer & length change	11/28/04	
	C	No paint on Finish Unit	2/7/05	

SPECIFICATIONS:

- CENTER FREQUENCY: 16500 MHz
- 0.25dB BANDWIDTH: 1500 MHz
- VSWR IN THE PASS BAND: 1.5:1 TYP., 1.8dB MAX.
- INSERTION LOSS (PASSBAND) <= 2.0dB GOAL, 3.0dB MAX.
- REJECTION: -50dBc @ 17.75GHz
-75dBc @ 14.25GHz
- CONNECTORS: RF PINS
- SIZE 3.45" (L) x 0.50" (W) x 0.50" (H)
- WEIGHT 1 OZ. TYP.
- FINISH NO PAINT



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

CONFIDENTIAL AND PROPRIETARY

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PART NO. 27000612		Planar Filter Company 7175 Industry Lane, Unit 11, Fredrick, Maryland	
APPROVALS	DATE	TITLE	
DRAWN <i>K. Mason</i>	11/5/04	PRODUCT FEATURE 10CL16D5-1500-CD-PP	
CHECKED		SIZE	FSCM NO.
ISSUED		A	1QJWO
		DWG NO.	27000612
		REV.	C
		SCALE	N/S
		SHEET	1 of 1