

DESCRIPTION:

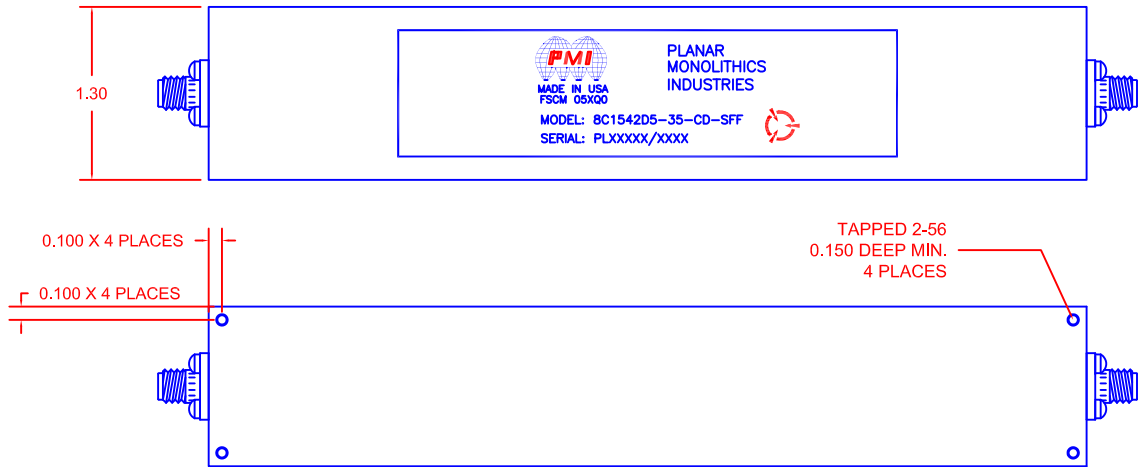
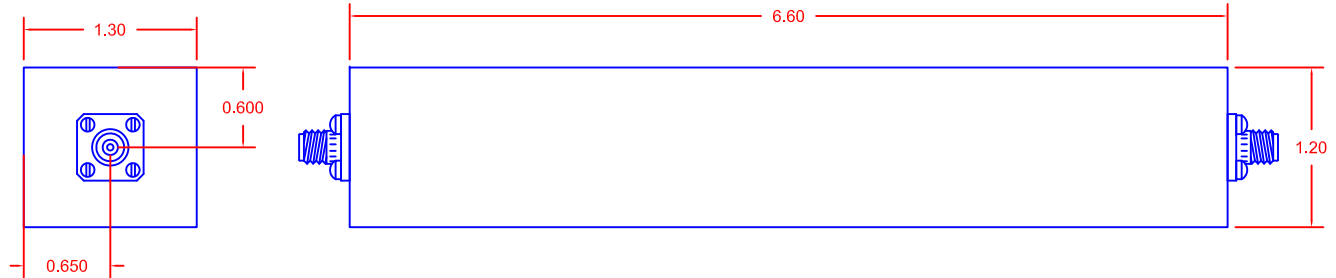
PMI MODEL NO: 8C1542D5-35-CD-SFF IS A CAVITY FILTER WITH SMA FEMALE CONNECTORS IN AND OUT. ALL FILTERS WILL BE MACHINED AND SILVER PLATED TO PROVIDE THE HIGHEST POSSIBLE Q.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/21/03	
	A2	ECN # 13-0059	06/13/13	

SPECIFICATIONS:

- CENTER FREQUENCY: 1542.5 MHz
- 3dB BANDWIDTH: 35 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) 1.5 dB MAX.
- REJECTION 8 POLE RESPONSE

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 6.60" (L) x 1.20" (W) x 1.30" (H)
- WEIGHT 1oz. TYP.
- FINISH: PAINTED GRAY




PLANAR MONOLITHICS INDUSTRIES
 MADE IN USA
 FSCM 05XQ0
 MODEL: 8C1542D5-35-CD-SFF
 SERIAL: PLXXXXX/XXXX

PMI CONFIDENTIAL AND PROPRIETARY

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 ±0.020
 X.XXX ±0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PLANAR MONOLITHICS INDUSTRIES, INC.

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 ISO 9001:2000 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>S. PALAORO</i>		1/21/03	OUTLINE DRAWING 8C1542D5-35-CD-SFF		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27017181
ISSUED			SCALE N:S	SHEET 1 OF 1	REV. A2