

DESCRIPTION:

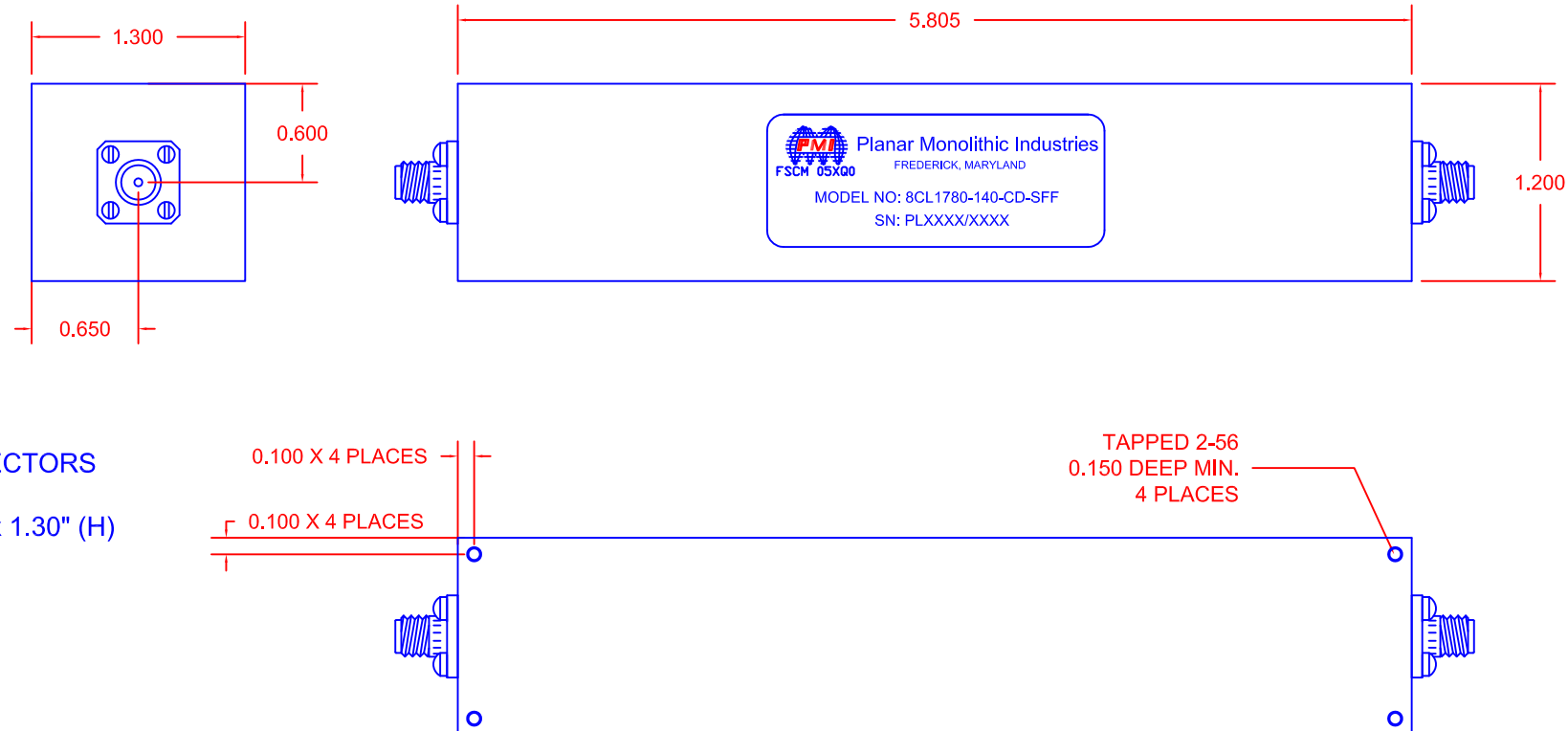
PMI model number 8CL1780-140-CD-SFF is a Cavity filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	9/20/09	

SPECIFICATIONS:

- CENTER FREQUENCY: 1780 MHz
- 0.5dB BANDWIDTH: 140 MHz Typ.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 1 dB MAX.
- REJECTION @ 1572 MHz: 65 dB Min.
- REJECTION FROM 2200 TO 2400 MHz: 65 dB Min.

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 5.805" (L) x 1.20" (W) x 1.30" (H)
- WEIGHT: 8 OZ. TYP.
- FINISH: GREY EPOXY 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

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.		 PLANAR MONOLITHICS INDUSTRIES 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN S. PALACIO	9/20/09	OUTLINE DRAWING 8CL1780-140-CD-SFF		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	05XQ0	27010544
		SCALE	N/A	REV. -
				SHEET 1 OF 1