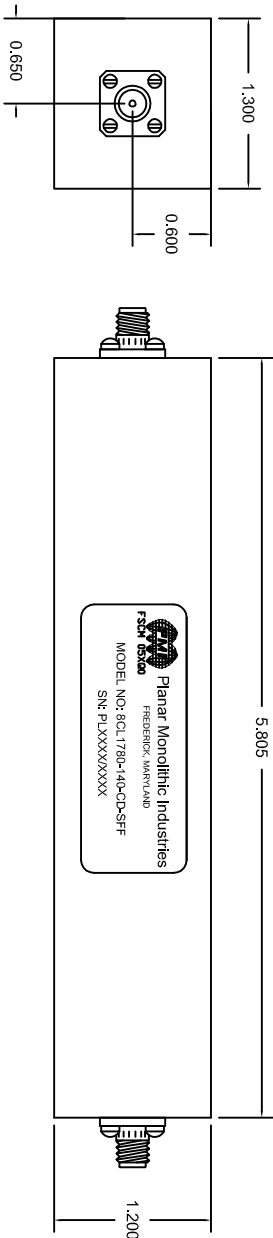


DESCRIPTION:

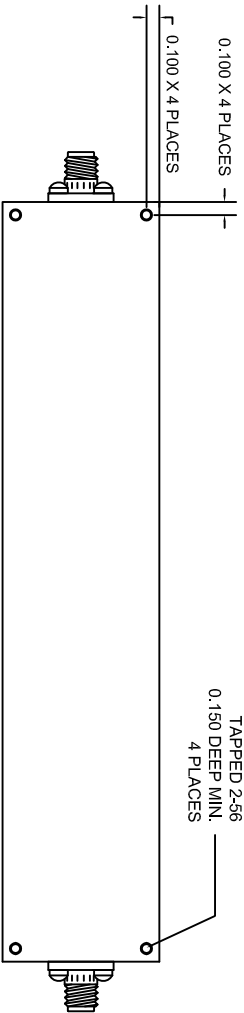
PMI model number 8CL1780-140-CD-SFF is a Cavity filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

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

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		TITLE	
APPROVALS		DATE	
DRAWN S. PALACIO		9/20/09	
CHECKED			
ISSUED			
SIZE FSCM NO.		DWG NO.	
A 05X00		27010544	
SCALE N/A		SHEET 1 OF 1	



PLANAR MONOLITHICS INDUSTRIES
5715 INDUSTRY LANE UNIT 11
FREDERICK, MARYLAND

OUTLINE DRAWING
8CL1780-140-CD-SFF