

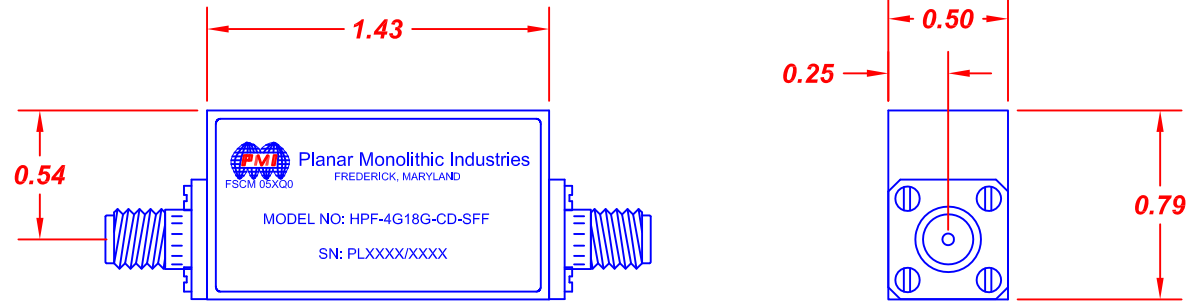
**DESCRIPTION:**

PMI model number HPF-4G18G-CD-SS is a High-Pass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

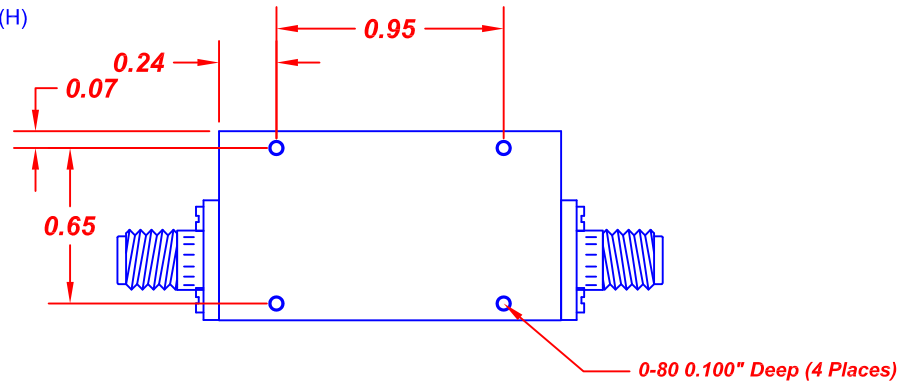
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	9/2/10	
	A1	ECN # 18-0089	4/11/18	

**SPECIFICATIONS:**

- PASSBAND : 6 GHz TO 18 GHz
- 3dB CUTOFF : 5.5 GHz
- VSWR IN THE PASS BAND: 2.0:1 MAX.
- INSERTION LOSS (PASSBAND) : 1.5 dB MAX.
- REJECTION FROM 1 to 2 GHz: -60 dB



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE : 1.43" (L) x 0.79" (W) x 0.50" (H)
- WEIGHT : 1 OZ. TYP.
- FINISH : PAINTED BLUE




**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.		 <b>PLANAR MONOLITHICS INDUSTRIES</b> FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN S PALACIO	9/2/10	OUTLINE DRAWING HPF-4G18G-CD-SFF		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	05XQ0	27010324
		SCALE	N/A	SHEET 1 OF 1
				REV. A1