

DESCRIPTION:

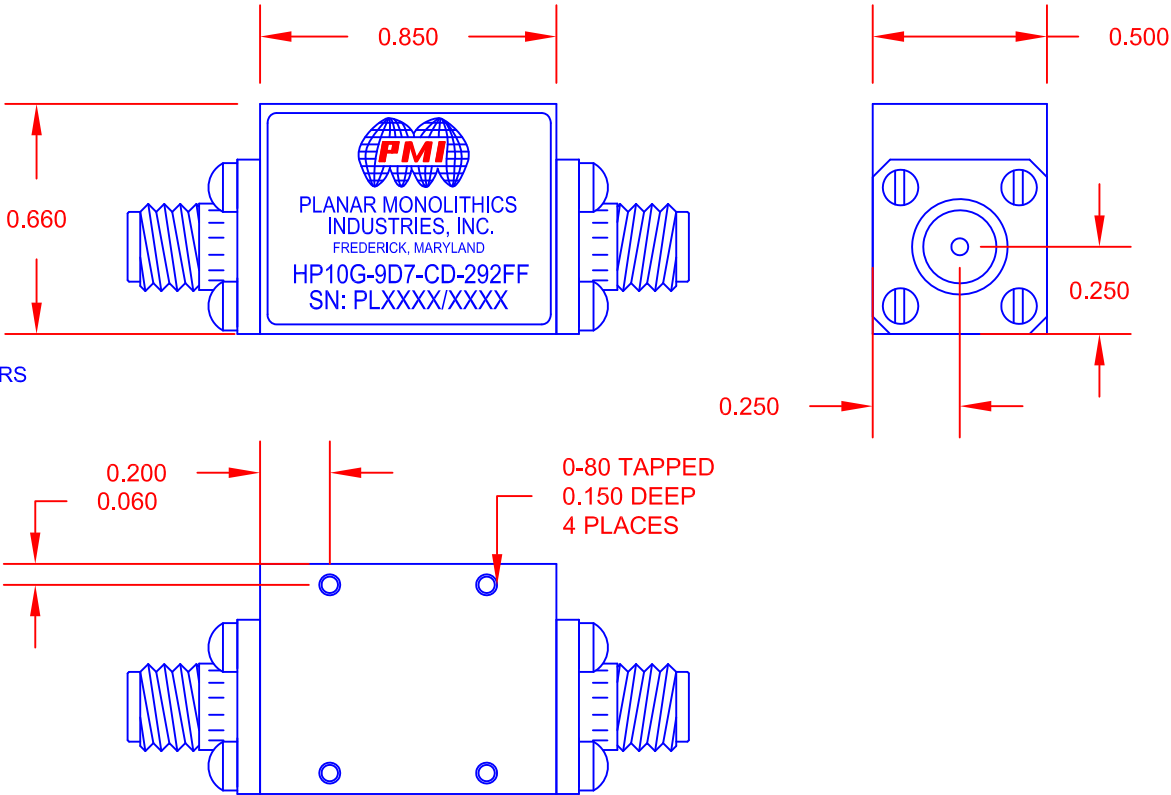
PMI model number HP10G-9D7-CD-292FF is a suspended substrate filter with 2.92 mm female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	9/8/16	
	A1	ECN # 16-0185	12/05/16	

SPECIFICATIONS:

- PASSBAND: 10 GHz TO 27 GHz
- 3dB CUTOFF: 9700 MHz
- VSWR IN THE PASS BAND: 2.0:1 MAX.
- INSERTION LOSS (PASSBAND): 1.5 dB MAX.
- REJECTION @ 7 GHz: -40 dB

- CONNECTORS: 2.92 mm FEMALE CONNECTORS
- SIZE: 0.65" (L) x 0.65" (W) x 0.65" (H)
- WEIGHT: 1 OZ. TYP.
- FINISH: BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.



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	9/8/16	OUTLINE DRAWING HP10G-9D7-CD-292FF		
CHECKED				
ISSUED		SIZE	FSCM NO.	DWG NO.
		A	1QJWO	27030701
		SCALE	N/A	SHEET 1 OF 1