

DESCRIPTION:

PMI model number HP8G-7D8G-CD-SFF is a suspended substrate high pass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- PASSBAND 8 GHz TO 22 GHz
- 3dB CUTOFF 7.8 GHz
- VSWR IN THE PASS BAND: 2.0:1 MAX.
- INSERTION LOSS (PASSBAND) 1.5 dB MAX.
- REJECTION @ 7500 MHz: -35dB Typ.
- REJECTION @ 5600 MHz: -50dB Min.

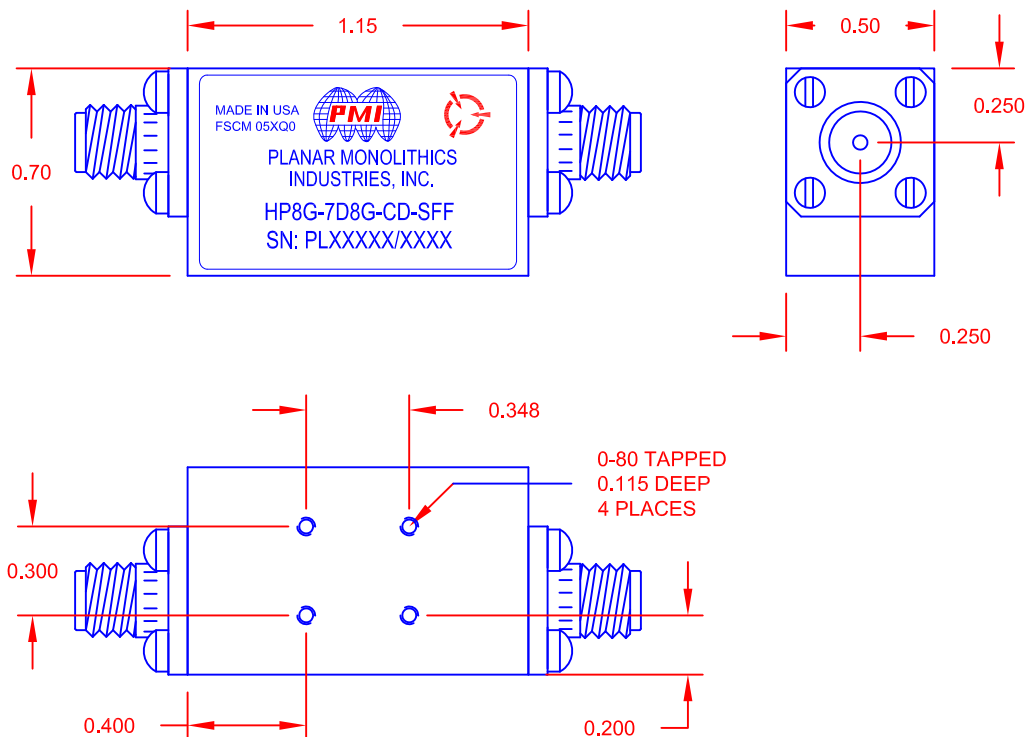
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 1.15" (L) x 0.70" (W) x 0.50" (H)
- WEIGHT 1 OZ. TYP.
- FINISH PAINTED GRAY

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/2/09	
	B1	UPDATED TITLE BLOCK & FINISH SPECS	9/16/11	
	C1	ECN # 13-0069	06/21/13	



ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE	
DRAWN S.PALACIO		9/2/09		OUTLINE DRAWING HP8G-7D8G-CD-SFF	
CHECKED					
ISSUED					
		SIZE	FSCM NO.	DWG NO.	REV.
		A	05XQ0	27011281-B	C1
		SCALE N/A			SHEET 1 OF 1