

DESCRIPTION

PMI MODEL HPF18G-DC15G IS A LOW LOSS ULTRA-SMALL HIGH PASS FILTER WITH A PASSBAND FREQUENCY RANGE OF 18 TO 26.5 GHz, AND GREATER THAN 60 dB REJECTION FROM DC TO 15 GHz.

SPECIFICATIONS

- PASSBAND: 18 GHz TO 26.5 GHz
- INSERTION LOSS (PASSBAND): 1.5 dB MAX
- VSWR (PASS BAND): 2.0:1 MAX
- REJECTION DC - 15 GHz: 60 dB
- CONNECTORS: 2.92mm FEMALE
- SIZE: 0.64" (L) X 0.58" (W) X 0.38" (H)
- WEIGHT: 0.5 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

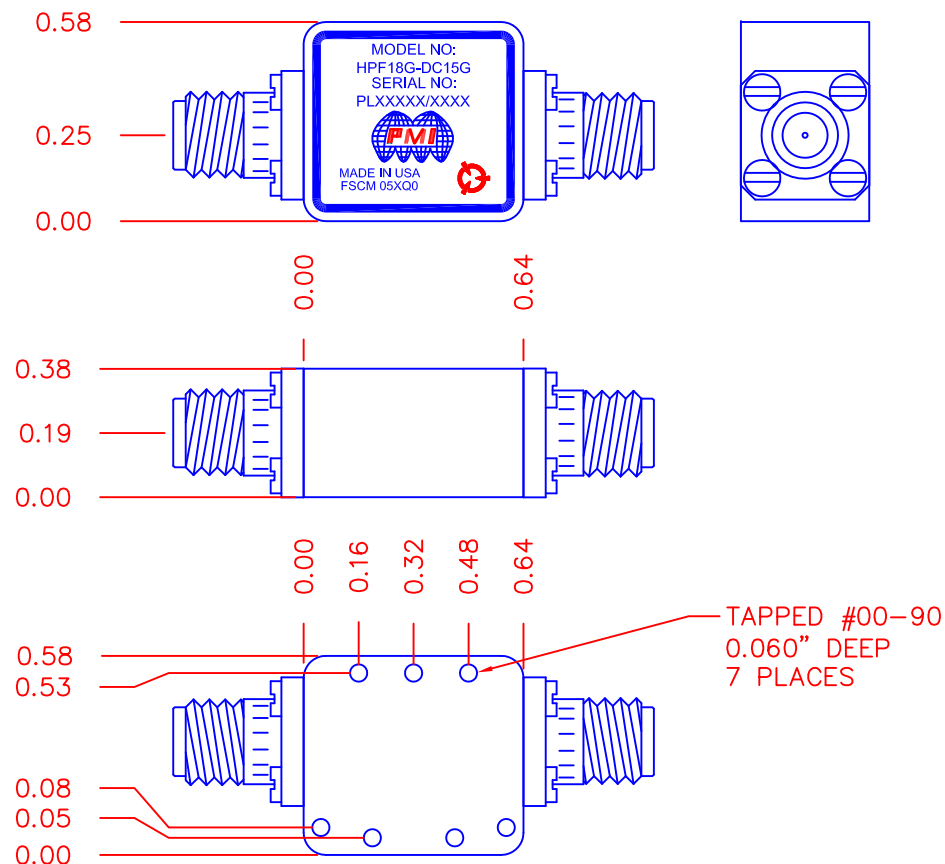
- TEMPERATURE: -40°C TO +85°C (OPERATING BASE PLATE)
-65°C TO +125°C (STORAGE)
+25°C (SPEC)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

NOTES:
1) DIMENSIONS ARE IN INCHES
2) TOLERANCES: X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/5/15	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN		1/5/15	PRODUCT FEATURE			
REDRAWN			HPF18G-DC15G			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27024660	A1
			SCALE	N: S	SHEET	1 OF 1