

DESCRIPTION

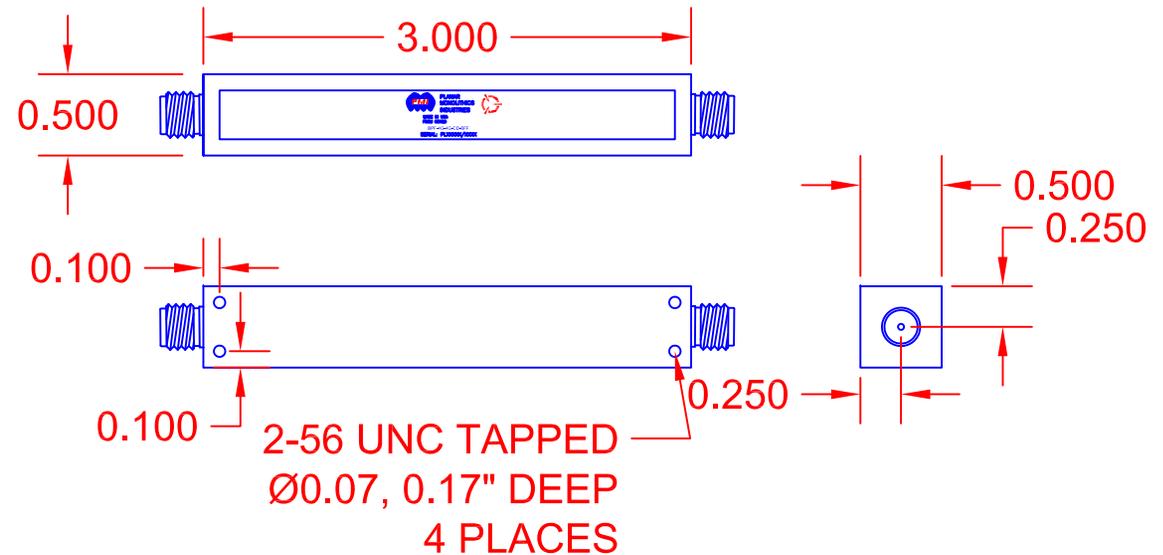
PMI MODEL BPF-4G-4G-CD-SFF IS A BAND PASS FILTER WITH A PASSBAND FREQUENCY OF 2.0 TO 6.0 GHz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	7/9/2018	

MECHANICAL OUTLINE

SPECIFICATIONS

- PASSBAND FREQUENCY: ----- 2.0 TO 6.0 GHz
- PASSBAND BANDWIDTH: ----- 3 dB
- PASSBAND VSWR: ----- 1.5:1 MAXIMUM
- PASSBAND INSERTION LOSS: ----- 1.0 dB MAXIMUM
- PASSBAND RIPPLE: ----- 0.5 dB MAXIMUM P-P
- REJECTION @ DC TO 1.7 GHz: ----- 65 dB MINIMUM
- REJECTION ABOVE 6.7 GHz: ----- 65 dB MINIMUM
- IMPEDANCE: ----- 50 OHMS
- POWER HANDLING: ----- 2 W CW MINIMUM
- CONNECTORS: ----- SMA FEMALE
- SIZE: ----- 3.0" x 0.5" x 0.5"
- FINISH: ----- PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
----- -65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

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

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN	<i>EW</i>	5/1/18	PRODUCT FEATURE BPF-4G-4G-CD-SFF			
REDRAWN	<i>JPU</i>	7/9/18	SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27035300	A1
			SCALE	N:S	SHEET	1 OF 1