

**DESCRIPTION:**

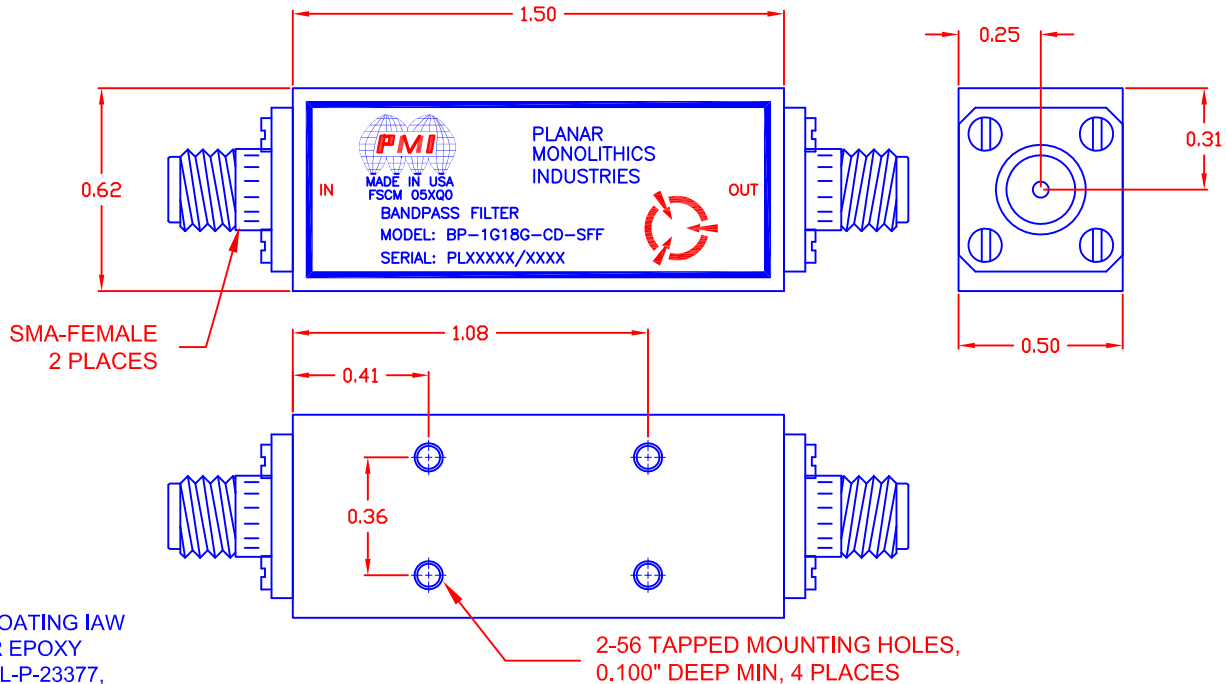
PMI MODEL NUMBER BP1G18G-CD-SFF IS A BANDPASS FILTER WITH SMA-FEMALE CONNECTORS IN AND OUT.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	1/23/2017	
A1		ECN # 17-0046	3/11/2017	

**SPECIFICATIONS:**

- PASS-BAND: \_\_\_\_\_ 1 TO 18 GHz
- INSERTION LOSS: \_\_\_\_\_ 2.0 dB Max
- VSWR: \_\_\_\_\_ 2.0:1 Max
- REJECTION: \_\_\_\_\_ DC to 100 MHz: 50dB Min  
21 to 28 GHz: 40dB Min

- CONNECTORS: \_\_\_\_\_ SMA-FEMALE IN/OUT
- SIZE: \_\_\_\_\_ 1.5 X 0.62 X 0.5
- 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.



PMI CONFIDENTIAL AND PROPRIETARY

**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 ±0.020  
X.XXX ±0.010

**PLANAR MONOLITHICS INDUSTRIES, INC.**

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ISO 9001 CERTIFIED



NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

APPROVALS		DATE	TITLE		
DRAWN	<i>JPU</i>	3/20/2017	OUTLINE DRAWING BP-1G18G-CD-SFF		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	27031481
			SCALE	N:S	SHEET 1 OF 1
			REV.	A1	