

## DESCRIPTION

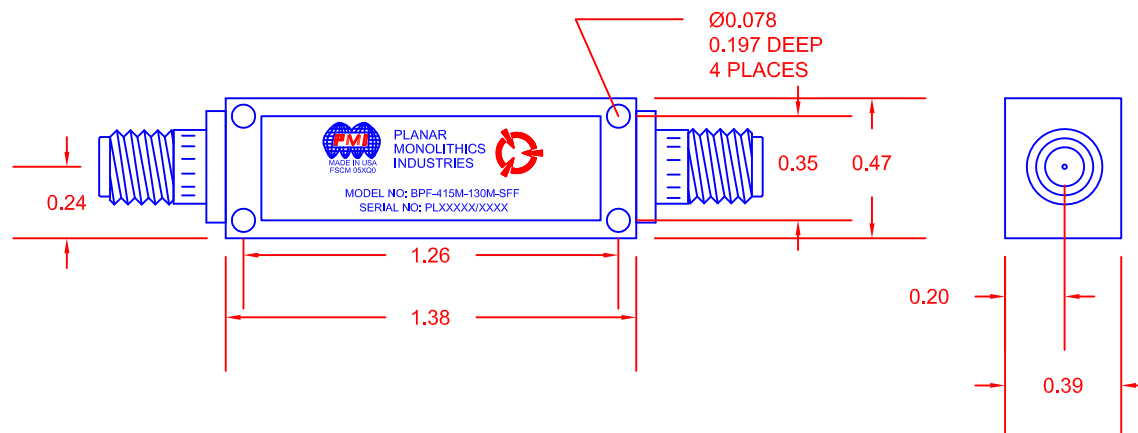
PMI MODEL NO. BPF-415M-130M-SFF IS A BAND PASS FILTER THAT OPERATES OVER THE FREQUENCY RANGE OF 350 TO 480 MHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.5 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/18/2019	

## MECHANICAL OUTLINE

## SPECIFICATIONS

- CENTER FREQUENCY: ----- 415 MHz
- FREQUENCY RANGE @ -3 dB BANDWIDTH: --- 350 TO 480 MHz
- INSERTION LOSS @ CENTER FREQUENCY: --- 1.5 dB MAX
- PASS BAND RIPPLE: ----- ±1.5 dB MAX
- VSWR: ----- 1.5:1 MAX
- REJECTION @ DC TO 330 MHz: ----- 30 dBc MIN
- REJECTION @ 500 TO 1200 MHz: ----- 30 dBc MIN
- INPUT POWER: ----- 1 WATT MAX
- IMPEDANCE: ----- 50 OHMS
- CONNECTORS: ----- SMA FEMALE
- FINISH: ----- PAINTED BLUE



## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +70 °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



		TITLE  PRODUCT FEATURE BPF-415M-130M-SFF				
APPROVALS	DATE					
DRAWN <i>EW</i>	<i>4/18/19</i>					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY		REV. -
ISSUED		SCALE N:S		SHEET 1 OF 1		