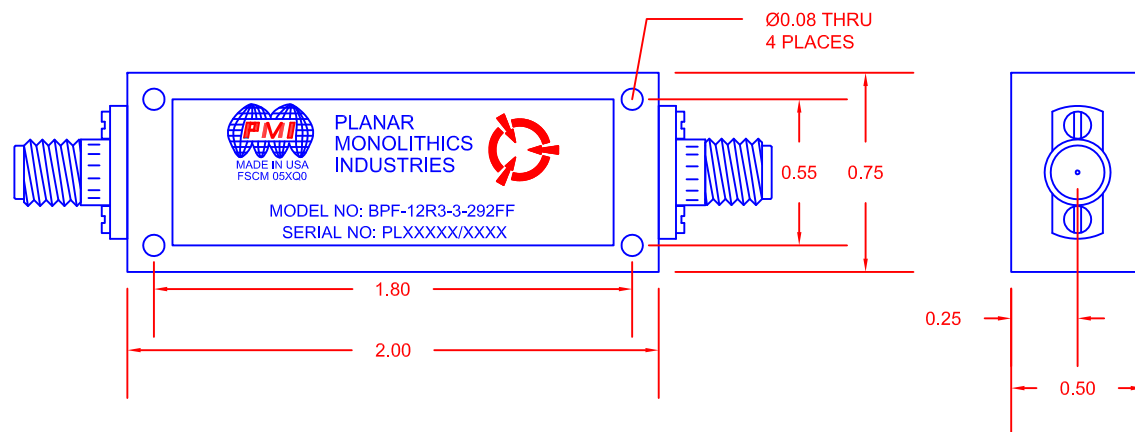


DESCRIPTION

PMI MODEL NO. BPF-12R3-3-292FF IS A BAND PASS FILTER THAT OPERATES OVER THE FREQUENCY RANGE OF 10.8 TO 13.8 GHz. IT HAS A TYPICAL INSERTION LOSS OF 2.5 dB AND A VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH 2.92 mm FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 10.8 TO 13.8 GHz
- INSERTION LOSS: ----- 2.5 dB TYP
- REJECTION 1: ----- -40 dBc @ DC TO 8.8 GHz
- REJECTION 2: ----- -40 dBc @ 15.8 TO 30.0 GHz
- VSWR: ----- 1.5:1
- CONNECTORS: ----- 2.92 mm FEMALE
- SIZE: ----- 2.00" x 0.75" X 0.50"



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °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

PMI CONFIDENTIAL AND PROPRIETARY

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/16/2019	

MECHANICAL OUTLINE

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD

FREDERICK, MARYLAND 21704 USA

TEL: (301)-662-5019, FAX: (301)-662-1731

WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com

ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE BPF-12R3-3-292FF				
APPROVALS	DATE					
DRAWN <i>EW</i>	<i>4/16/19</i>					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -	
ISSUED		SCALE N:S		SHEET 1 OF 1		