

DESCRIPTION

PMI MODEL BPF-3R55G-100M-SFF IS A BAND PASS FILTER WITH A CENTER FREQUENCY OF 3.55 GHz. IT HAS A TYPICAL INSERTION LOSS OF 1.0 dB AND A MAXIMUM VSWR OF 1.3:1. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- PASSBAND FREQUENCY: ----- 3.5 TO 3.6 GHz
- INSERTION LOSS: ----- 1.0 dB TYPICAL, 1.2 dB MAXIMUM
- VSWR: ----- 1.3:1 MAXIMUM
- RIPPLE IN BAND: ----- ± 0.5 dB MAXIMUM
- REJECTION @ 3.49 GHz AND 3.61 GHz: -- 18 dB MINIMUM
- REJECTION @ 3.48 GHz AND 3.62 GHz: -- 30 dB MINIMUM
- POWER HANDLING: ----- 10 WATTS MAXIMUM
- PEAK POWER: ----- 100 WATTS MAXIMUM
- IMPEDANCE: ----- 50 OHMS
- INPUT/OUTPUT CONNECTOR: ----- SMA FEMALE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -10 °C TO +60 °C (OPERATING)
-40 °C TO +80 °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

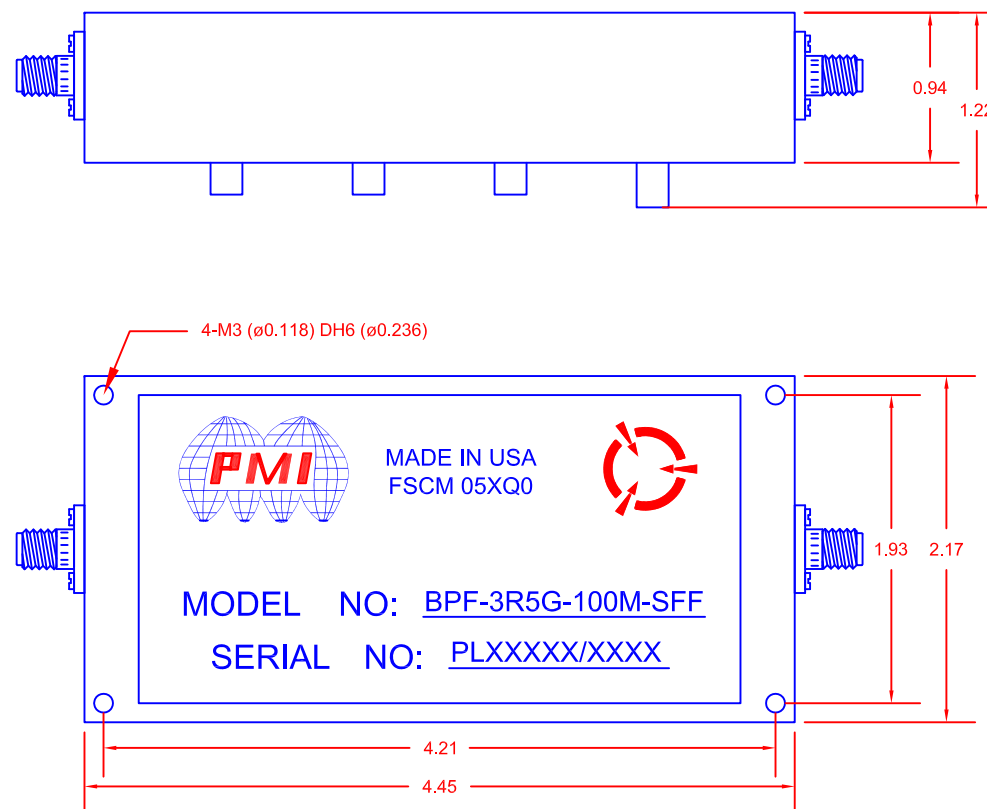
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	10/1/2018	

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-3R55G-100M-SFF					
APPROVALS	DATE						
DRAWN <i>EW</i>	10/1/18						
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -		
ISSUED		SCALE N:S			SHEET 1	OF 1	