

DESCRIPTION

PMI MODEL NO. BPF-11-14-SFF IS A BAND PASS FILTER THAT OPERATES OVER THE FREQUENCY RANGE OF 3.75 TO 18.25 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 2.5 dB AND A MAXIMUM VSWR OF 2.0:1. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 3.75 TO 18.25 GHz
- INSERTION LOSS: ----- 1.5 dB TYP, 2.5 dB MAX
- VSWR: ----- 1.5:1 TYP, 2.0:1 MAX
- REJECTION @ DC TO 2.75 GHz: ----- 70 dB TYP
- REJECTION @ 20.25 TO 23.25 GHz: ----- 60 dB TYP
- INPUT POWER: ----- 10 WATTS MAX
- IMPEDANCE: ----- 50 OHMS
- CONNECTORS: ----- SMA FEMALE (FIELD REPLACEABLE)
- FINISH: ----- PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -45 °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

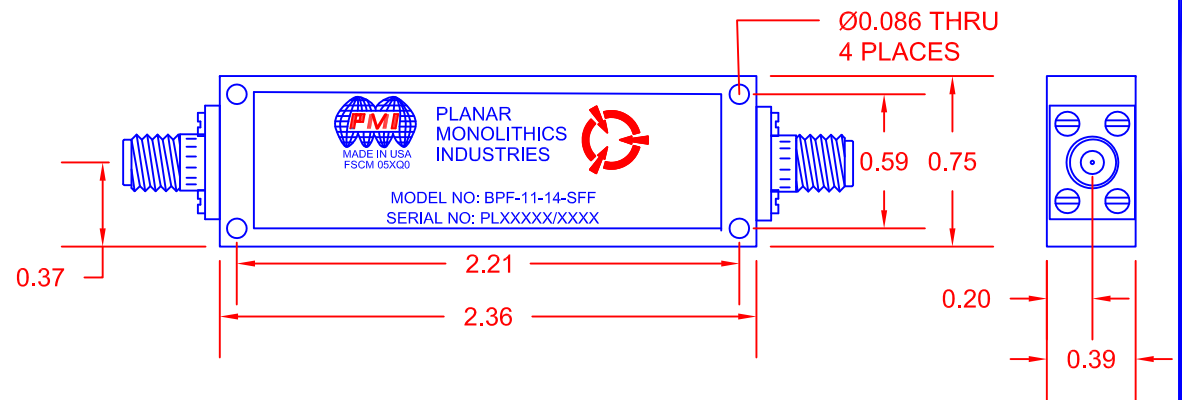
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/8/2019	
	1	UPDATED SPECS	4/16/2019	
	2	UPDATED SPECS	8/8/2019	
	3	UPDATED MECHANICALS	8/16/2019	

MECHANICAL OUTLINE



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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>EW</i>		4/8/19	PRODUCT FEATURE BPF-11-14-SFF			3
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	
ISSUED			SCALE N:S	SHEET 1 OF 1		