

DESCRIPTION

PMI MODEL BPF-3G02R3G18R-160M-SFF IS A BAND PASS FILTER WITH A CENTER FREQUENCY OF 3.1 GHz. IT HAS A MAX INSERTION LOSS OF 1.5 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- PASSBAND FREQUENCY: ----- 3.02 TO 3.18 GHz
- INSERTION LOSS: ----- 1.5 dB MAXIMUM
- VSWR: ----- 1.5:1 MAXIMUM
- CENTER FREQUENCY: ----- 3.1 GHz
- REJECTION @ 2.9 GHz AND 3.21 GHz: -- 60 dB MINIMUM
- INPUT POWER: ----- 40 WATTS MINIMUM
- PASSBAND RIPPLE: ----- ±0.5 dB MAXIMUM
- BANDWIDTH: ----- 160 MHz
- IMPEDANCE: ----- 50 OHMS
- INPUT/OUTPUT CONNECTOR: ----- SMA FEMALE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -20 °C TO +50 °C (OPERATING)
-40 °C TO +70 °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

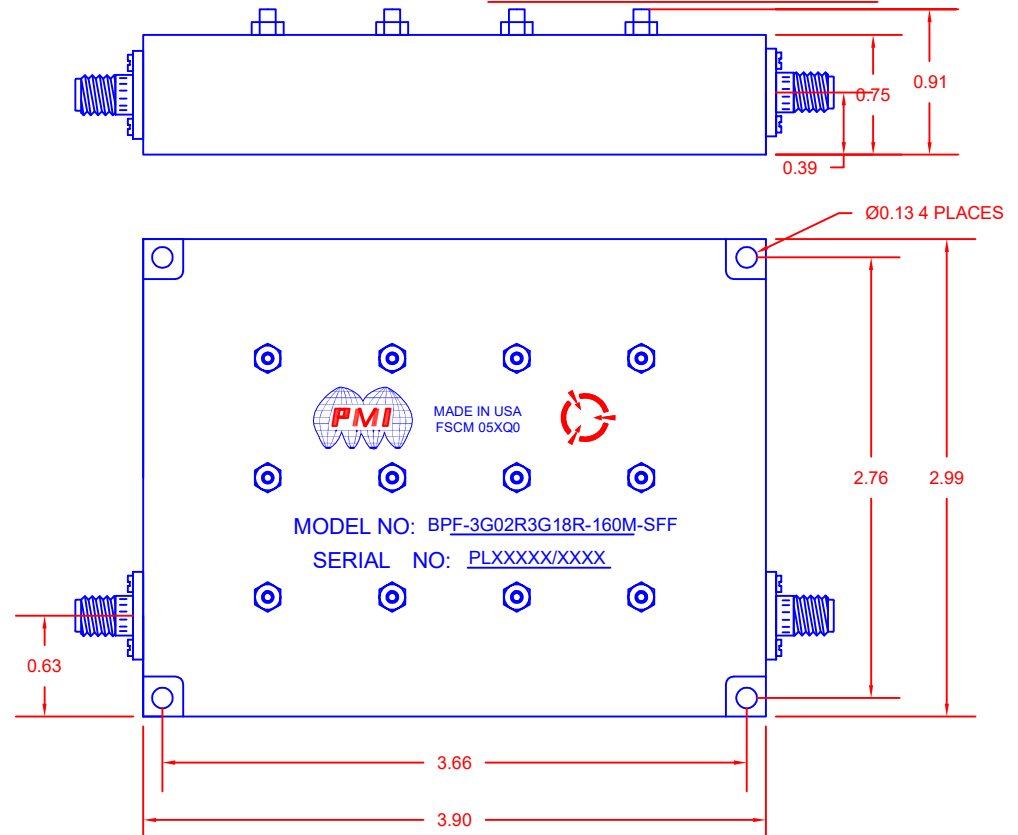
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/28/2021	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>AF</i>		9/28/21	PRODUCT FEATURE BPF-3G02R3G18R-160M-SFF			
REDRAWN			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1