

## DESCRIPTION

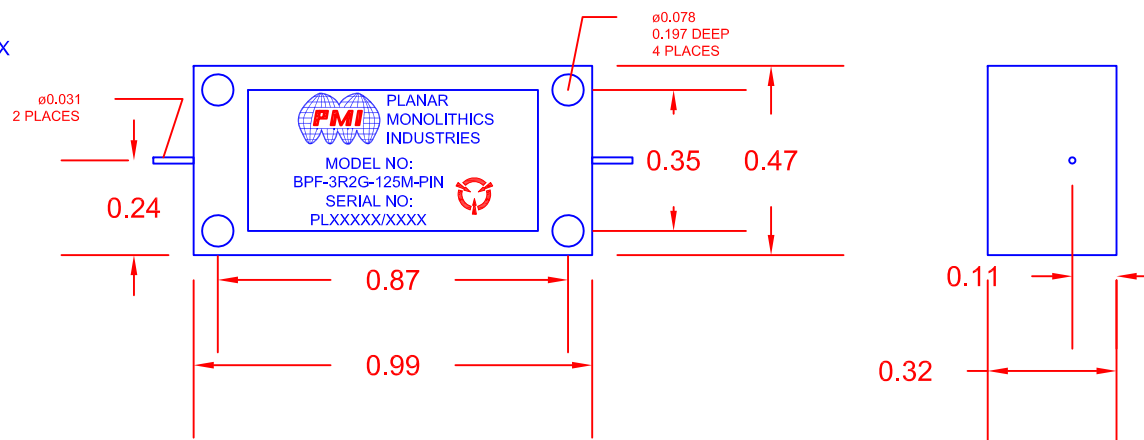
PMI MODEL NO. BPF-3R2G-125M-PIN IS A BAND PASS FILTER WITH A CENTER FREQUENCY OF 3.2 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 3.58 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH PINS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/21/2018	

## MECHANICAL OUTLINE

## SPECIFICATIONS

- FREQUENCY RANGE (-3 dB BANDWIDTH): — 3.1375 TO 3.2625 GHz
- INSERTION LOSS @ 3.1375 GHz: ————— 3.58 dB MAX
- PASS BAND RIPPLE: ————— ±0.5 dB TYP, ±0.7 dB MAX
- VSWR: ————— 1.5:1 MAX
- REJECTION @ 3.1 GHz: ————— 15 dBc MIN
- REJECTION @ 3.3 GHz: ————— 15 dBc MIN
- INPUT POWER: ————— 1 WATT MAX
- IMPEDANCE: ————— 50 OHMS
- CONNECTORS: ————— PIN



## ENVIRONMENTAL RATINGS

- TEMPERATURE: ————— -20 °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

**PMI CONFIDENTIAL AND PROPRIETARY**

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

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>EW</i>		12/21/18	PRODUCT FEATURE BPF-3R2G-125M-PIN			-
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	
ISSUED			SCALE N:S	SHEET 1 OF 1		