

DESCRIPTION

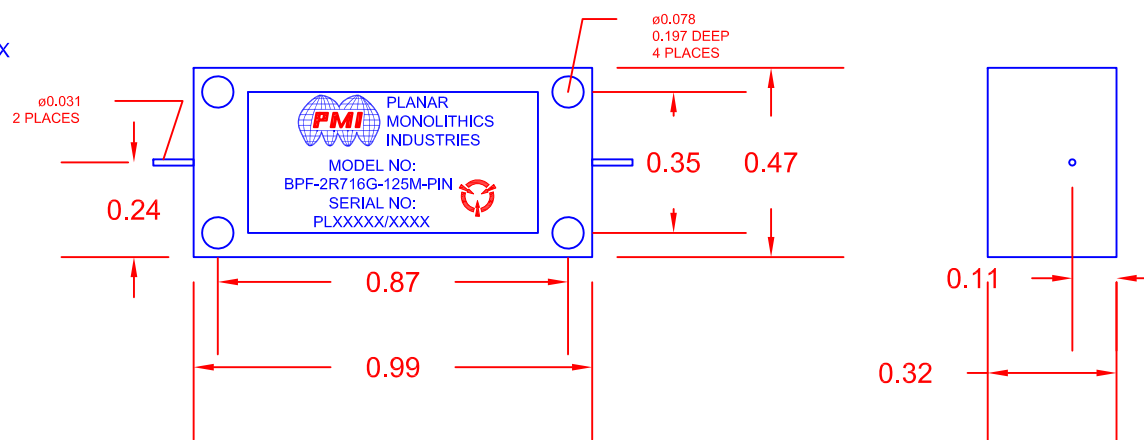
PMI MODEL NO. BPF-2R716G-125M-PIN IS A BAND PASS FILTER WITH A CENTER FREQUENCY OF 2.716 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 3.34 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH PINS.

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

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE (-3 dB BANDWIDTH): — 2.6535 TO 2.7785 GHz
- INSERTION LOSS @ 2.716 GHz: — 3.34 dB MAX
- PASS BAND RIPPLE: — ± 0.5 dB TYP, ± 0.7 dB MAX
- VSWR: — 1.5:1 MAX
- REJECTION @ 2.616 GHz: — 15 dBc MIN
- REJECTION @ 2.816 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



		TITLE PRODUCT FEATURE BPF-2R716G-125M-PIN					
APPROVALS	DATE						
DRAWN <i>EW</i>	<i>12/21/18</i>						
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -		
ISSUED		SCALE N:S		SHEET 1 OF 1			