

DESCRIPTION

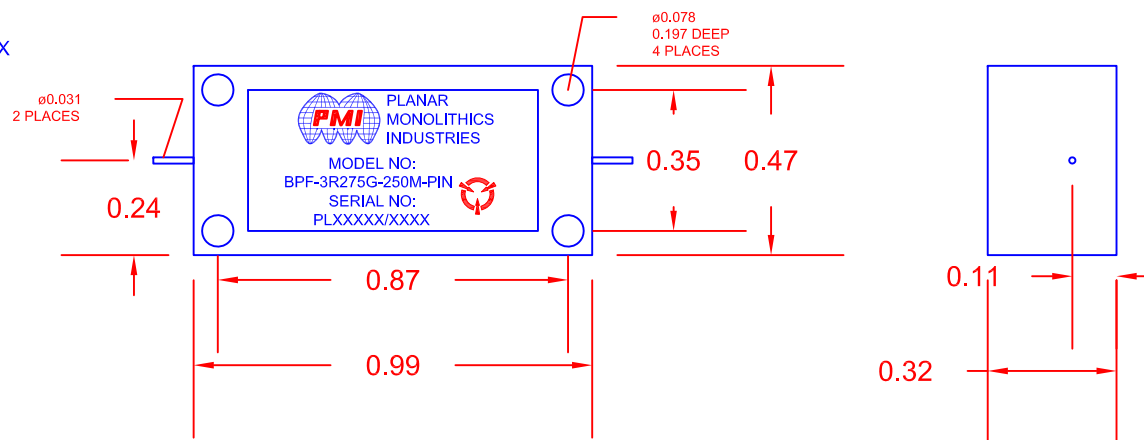
PMI MODEL NO. BPF-3R275G-250M-PIN IS A BAND PASS FILTER WITH A CENTER FREQUENCY OF 3.275 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.9 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH PINS.

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

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE (-3 dB BANDWIDTH): – 3.15 TO 3.4 GHz
- INSERTION LOSS @ 3.275 GHz: ----- 1.9 dB MAX
- PASS BAND RIPPLE: ----- ±0.5 dB TYP, ±0.7 dB MAX
- VSWR: ----- 1.5:1 MAX
- REJECTION @ 3.0 GHz: ----- 40 dBc MIN
- REJECTION @ 2.8 GHz: ----- 50 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

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE				REV.
DRAWN <i>EW</i>		12/21/18	PRODUCT FEATURE BPF-3R275G-250M-PIN				-
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO.	PRELIMINARY	
ISSUED			SCALE N:S	SHEET		1 OF 1	