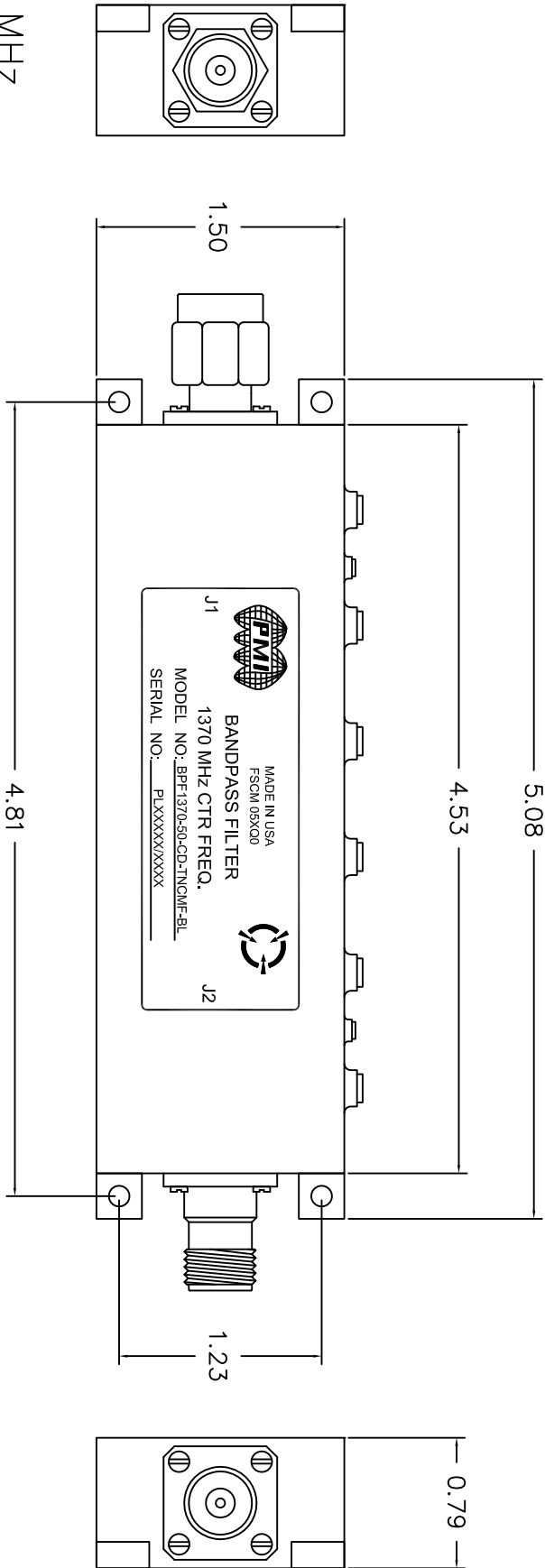


| REVISIONS |      |                  |          |          |
|-----------|------|------------------|----------|----------|
| ZONE      | REV. | DESCRIPTION      | DATE     | APPROVED |
|           | A    | ORIGINAL RELEASE | 10/17/12 |          |
|           |      |                  |          |          |
|           |      |                  |          |          |

THE MODEL BPF1370-50-CD-TNCMF-BL IS A BANDPASS FILTER WITH CENTER FREQUENCY OF 1370 MHZ AND 1dB BANDWIDTH OF 50 MHZ, WITH AN ULTIMATE STOPBAND OF BETTER THAN -60 dBc, RATED FOR RF POWER UP TO 6W AT 10% DUTY FACTOR.



SPECIFICATIONS

- CENTER FREQUENCY: 1370 MHZ
- 1dB BANDWIDTH: 50 MHZ
- ULTIMATE STOPBAND: BETTER THAN -60dBc
- INSERTION LOSS: LESS THAN 2 dB
- STOPBAND CUTOFF
  - LOWER: 1312 MHZ OR HIGHER AT 30dB
  - UPPER: 1434 MHZ OR LOWER AT 30dB
- MAX. RF POWER: 6W @ 10% DUTY FACTOR
- CONNECTORS: TNC MALE (IN) TNC FEMALE (OUT)
- FINISH: GRAY PAINT
- SIZE: 5.08” X 1.5” X 0.79”

CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +65°C (OPERATING)  
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE  
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PLANAR MONOLITHICS INDUSTRIES, INC.

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E-MAIL: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)  
ISO 9001:2000 CERTIFIED



TITLE

PRODUCT FEATURE

BPF1370-50-CD-TNCMF-BL

APPROVALS

DATE

DRAWN

10/17/12

CHECKED

ISSUED

SIZE

FSCM NO.

DWG NO.

SCALE

N:S

SHEET

1 OF 1

REV.

A