

## DESCRIPTION

PMI'S 14.125 GHz BANDPASS FILTER IS A SURFACE MOUNT FILTER MOUNTED INTO A HOUSING. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

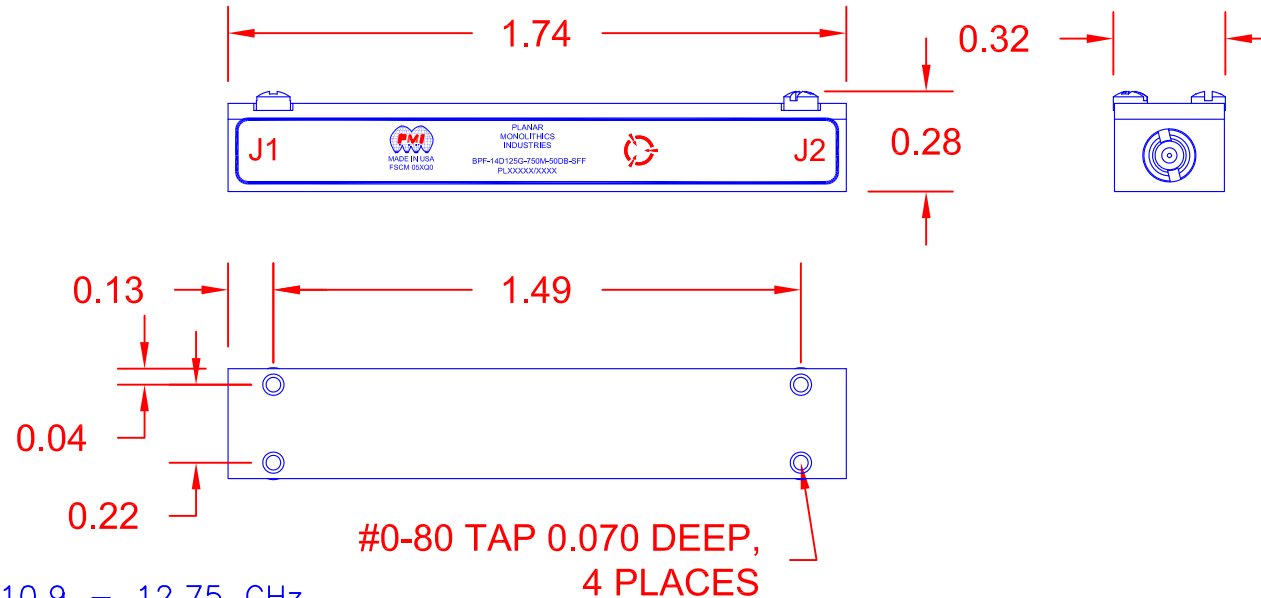
## SPECIFICATIONS

- CENTER FREQUENCY: . . . . . 14.125 GHz
- 1 dB BANDWIDTH: . . . . . 750 MHz
- VSWR OVER 90% OF THE PASSBAND: . . . . . 2.0 : 1 MAX
- 1dB PASSBAND INSERTION LOSS: . . . . . 3 dB MAX
- REJECTION: . . . . . -50 dBc MIN 10.9 - 12.75 GHz  
-50 dBc MIN 15.5 - 17.35 GHz
- CONNECTORS: . . . . . SMPM (M)
- INPUT POWER: . . . . . +40 dBm CW MAX
- SIZE: . . . . . 1.74"x0.28"x0.32" MAX
- FINISH: . . . . . PAINTED BLUE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

| REVISIONS |      |                     |          |          |
|-----------|------|---------------------|----------|----------|
| ZONE      | REV. | DESCRIPTION         | DATE     | APPROVED |
|           | 1    | ORIGINAL RELEASE    | 03/24/17 |          |
|           | 2    | MOUNTING HOLES NOTE | 04/05/17 |          |
|           | A1   | ECN # 17-0113       | 05/27/17 |          |

## MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



| APPROVALS |          | DATE     |      | TITLE                     |  |
|-----------|----------|----------|------|---------------------------|--|
| DRAWN     |          | 3/24/17  |      | OUTLINE DRAWING           |  |
| CHECKED   |          |          |      | BPF-14D125G-750M-50DB-SFF |  |
| ISSUED    |          |          |      |                           |  |
| SIZE      | FSCM NO. | DWG NO.  | REV. |                           |  |
| A         | 05XQ0    | 27031301 | A1   |                           |  |
| SCALE N:S |          | SHEET    |      | 1 OF 1                    |  |

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
X.XX ±0.010  
X.XXX ±0.005