

## DESCRIPTION

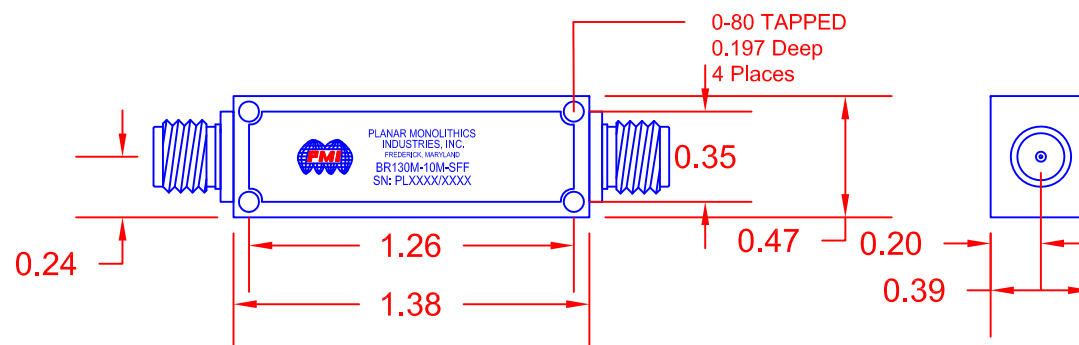
PMI MODEL: BR130M-10M-SFF is a Notch Filter (Band Reject) with SMA Female connectors in and out.

| REVISIONS |      |             |          |          |
|-----------|------|-------------|----------|----------|
| ZONE      | REV. | DESCRIPTION | DATE     | APPROVED |
|           | -    | PRELIMINARY | 4/6/2018 |          |
|           |      |             |          |          |
|           |      |             |          |          |

## MECHANICAL OUTLINE

## SPECIFICATIONS

- STOP BAND FREQUENCY: ----- 125 MHz MIN., 130 MHz TYP., 135 MHz MAX.
- STOP BAND ATTENUATION: ----- 50 dBc MIN.
- PASSBAND FREQUENCY: ----- 30 TO 90 MHz  
170 TO 1000 MHz
- PASSBAND INSERTION LOSS: ----- 1.5 dB MAX.
- PASS RIPPLE: ----- 1.0 dB MAX.
- PASSBAND VSWR: ----- 2.0:1 MAX.
- INPUT POWER: ----- 5 W MAX.
- IMPEDANCE: ----- 50 OHMS TYP.
- INPUT/OUTPUT CONNECTOR: ----- SMA (F)
- FINISH: ----- PAINTED BLUE



## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +85 °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                             |          |             |        |
|-----------|--|--------|-----------------------------------|----------|-------------|--------|
| DRAWN     |  | 4/6/18 | PRODUCT FEATURE<br>BR130M-10M-SFF |          |             |        |
| REDRAWN   |  |        | SIZE                              | FSCM NO. | DWG NO.     | REV.   |
| ISSUED    |  |        | A                                 | 05XQ0    | PRELIMINARY | -      |
|           |  |        | SCALE                             | N:S      | SHEET       | 1 OF 1 |