

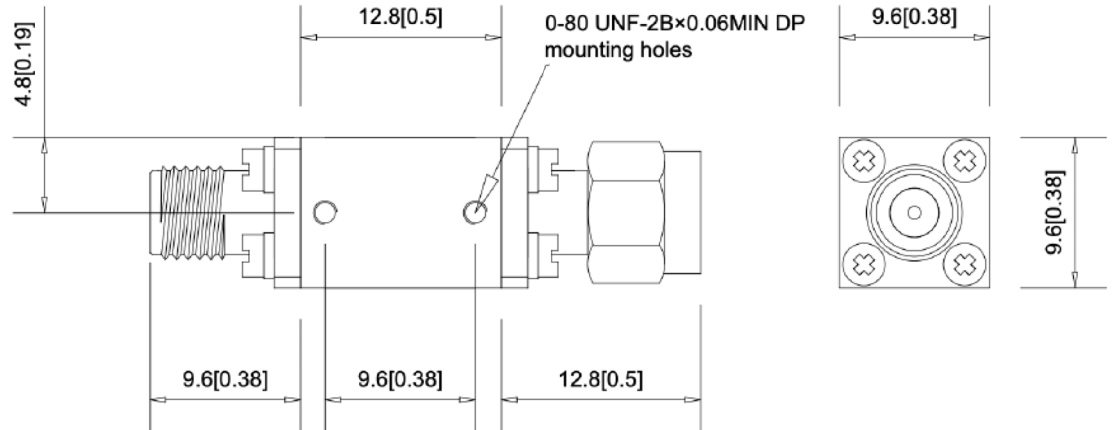
DESCRIPTION:

PMI MODEL NUMBER HP-2G18G-SFM IS A HIGHPASS FILTER WITH SMA CONNECTORS IN AND OUT.

| REVISIONS | | | | |
|-----------|------|-------------|----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | - | PRELIMINARY | 11/18/25 | |
| | | | | |
| | | | | |

SPECIFICATIONS:

- PASSBAND: 2 TO 18 GHz
- INSERTION LOSS: 1 dB MAX
- INPUT POWER: 1 W MAX
- VSWR: 2:1 MAX
- REJECTION: 40 dBc MIN @ DC TO 1.5 GHz
- CONNECTORS: SMA M/F
- FINISH: PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- **TEMPERATURE:** -20°C TO +60°C
- **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

PLANAR MONOLITHICS INDUSTRIES, INC.

7309-A GROVE ROAD
 FREDERICK, MARYLAND 21704 USA
 TEL: 301-662-5019 FAX: 301-662-1731
 WEBSITE: www.quanticmpmi.com
 E-MAIL: sales@quanticmpmi.com
 ISO 9001 CERTIFIED



| | | | | | |
|-----------|--|----------|---------------------------------|----------------|---------------------|
| APPROVALS | | DATE | TITLE | | |
| DRAWN AG | | 11/18/25 | PRODUCT FEATURE HP-2G18G-SFM | | |
| CHECKED | | | SIZE A | FSCM NO. 05XQ0 | DWG NO. PRELIMINARY |
| ISSUED | | | SCALE N:S | SHEET 1 OF 1 | |