

**SPECIFICATION**  
**COMMERCIALY AVAILABLE**

**CAVITY BAND PASS**  
**PART NUMBER: FNP-1074**  
**See FNP-1074S for smaller footprint**

**RoHS**

10/25/09 - Added paint color

07/17/19 – Changed paint color. Added Theoretical Response Plot and updated formatting.

| ISSUED / REVISION           | ENGINEER APPROVED | DOCUMENT CHECKED | DRAFTSMAN     |
|-----------------------------|-------------------|------------------|---------------|
| 8/24/2009 <sup>(DS)</sup>   |                   |                  |               |
| 10/25/2009 <sup>(PM)</sup>  | 05/22/2014 TFG    |                  | 05/22/2014 GL |
| 07/17/2019 <sup>(ASM)</sup> |                   |                  |               |

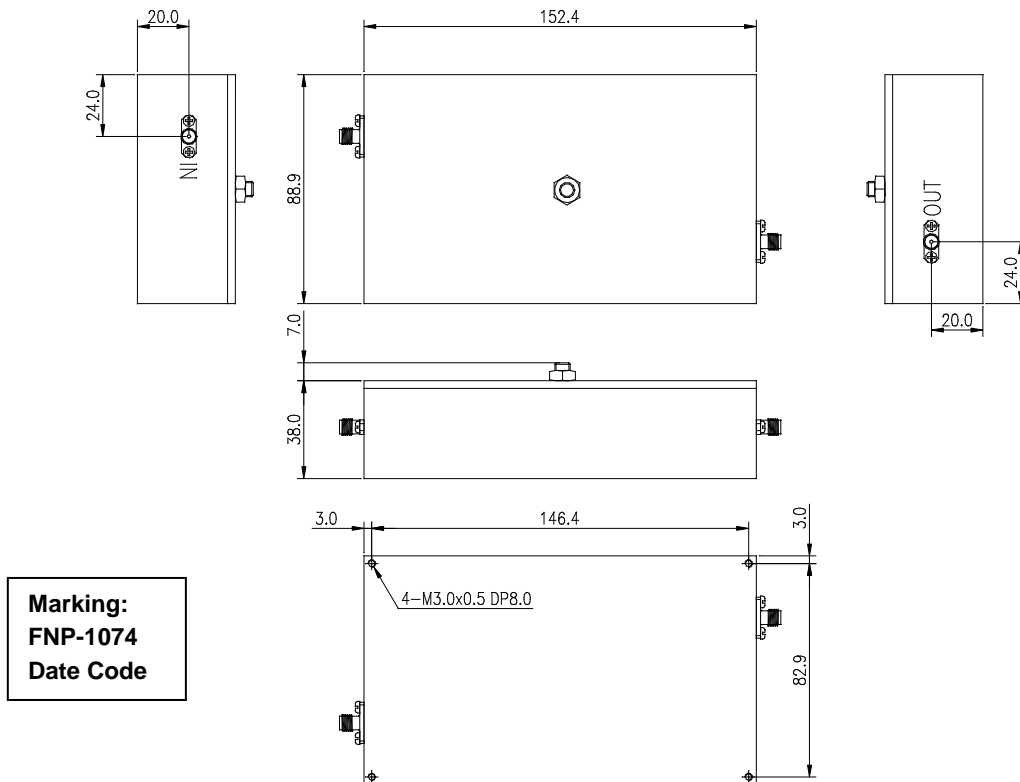
**FILTRONETICS Inc**

1. Part Number: FNP-1074

2. Electrical Specifications:

| Parameter             | Unit | Specification                |
|-----------------------|------|------------------------------|
| Center Frequency      | MHz  | 1030                         |
| Pass Bandwidth        | MHz  | ± 17.5 Min (1012.5 ~ 1047.5) |
| Insertion Loss in BW  | dB   | 0.6 Max                      |
| Passband Ripple in BW |      | 0.1 Max                      |
| Return Loss in BW     | dB   | 20.0 Min                     |
| Attenuation           | dB   | 35 Min @ 970 MHz             |
|                       |      | 35 Min @ 1090 MHz            |
| Input Power           | dBm  | 47 Max                       |
| Peak Power            | dBm  | 54 Max                       |
| Impedance             | Ohms | 50                           |
| Temp Range            | °C   | -10 ~ +50                    |
| Connector             | -    | SMA(F)                       |
| Finish                | -    | Black Painting               |

3. Dimension: (mm)



4. Theoretical Response Plot:

