

# **SPECIFICATION**

**COMMERCIALY AVAILABLE**

**PART NUMBER: FNP-1552**

<b>ISSUED / REVISION</b>	<b>ENGINEER APPROVED</b>	<b>DOCUMENT CHECKED</b>	<b>DRAFTSMAN</b>
01/13/2025 (ASM)	01/13/2025 (TG)		

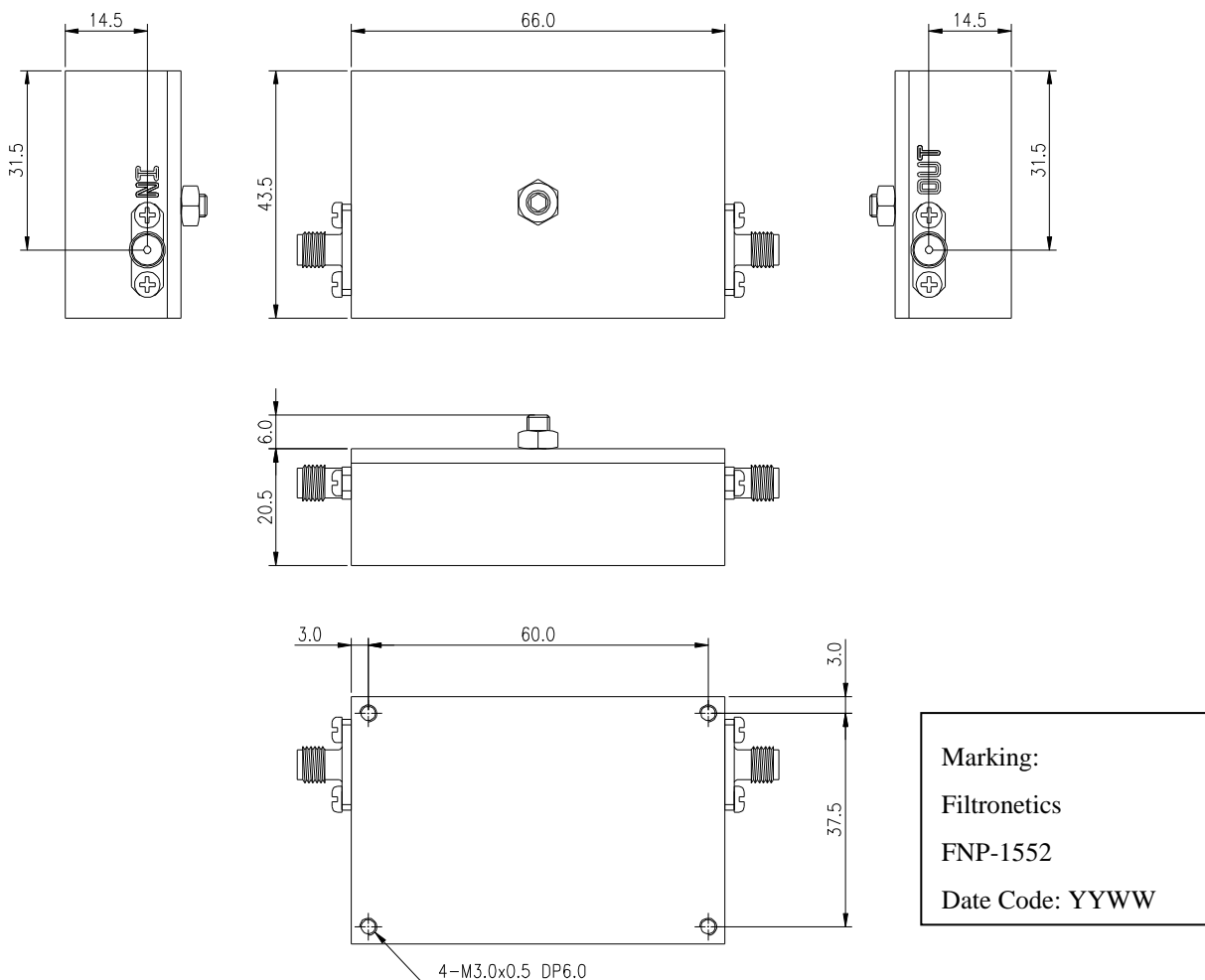
***FILTRONETICS Inc***

**1. Part Number: FNP-1552**

**2. Electrical Specifications:**

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	3100
2	Frequency Range	MHz	2900-3300
3	Insertion Loss in BW	dB	0.9 Max.
4	Ripple in BW	dB	0.3 Max.
5	Return Loss in BW	dB	15.0 Min.
6	Attenuation	dB	40 Min. @ 2500 MHz 40 Min. @ 3700 MHz
7	Input Power	W	Avg. 50 / Peak 200 Max.
8	Impedance	Ohms	50
9	Connector	-	SMA (Female) – All ports
10	Temp. Range	°C	-32 ~ +43
11	Finish	-	Black Painting

**3. Mechanical Package Style:**



## 4. Theoretical Response Plots:

