

# **SPECIFICATION**

**COMMERCIALY AVAILABLE**

**PART NUMBER: FNP-1550**  
**CAVITY BAND PASS FILTER**

<b>ISSUED / REVISION</b>	<b>ENGINEER APPROVED</b>	<b>DOCUMENT CHECKED</b>	<b>DRAFTSMAN</b>
03/04/2024 <sup>(ASM)</sup>	03/04/2024 <sup>(TG)</sup>		

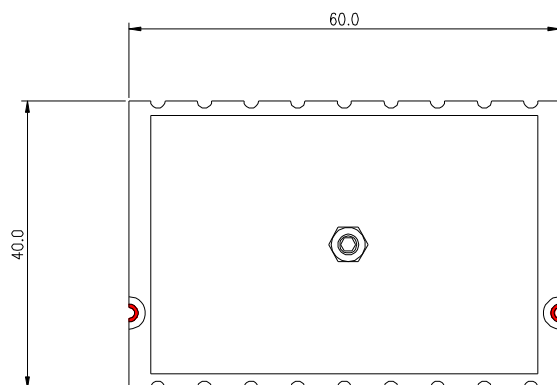
***FILTRONETICS Inc***

**1. Part Number: FNP-1550**

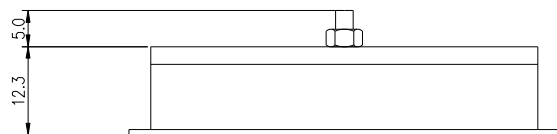
**2. Electrical Specifications:**



No.	Parameter	Unit	Specification
1	Center Frequency	MHz	9000
2	Bandwidth	MHz	Fc ±500 (8500~9500MHz)
3	Insertion Loss in BW	dB	1.3 Max.
4	Ripple in BW	dB	0.5 Max.
5	Return Loss in BW	dB	15 Min.
6	Attenuation	dB	40 Min. @ 8100MHz 80 Min. @ 11200MHz
7	Input Power	Watt	3 CW Max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	°C	-40 ~ +85

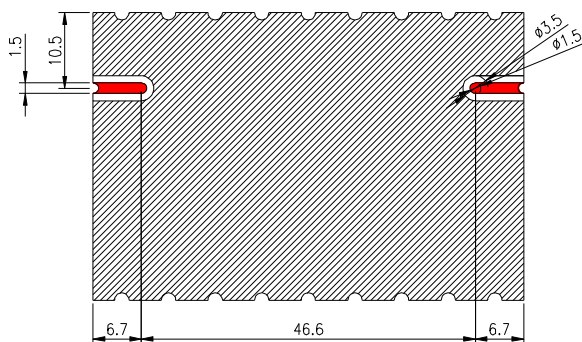
**3. Mechanical Package Style:**



**Marking:**  
 Filtronetics  
 FNP-1550  
 Date Code: YYWW



 : In / Out Port  
 : G round



4. Theoretical Response Plots:

