

# **SPECIFICATION**

**COMMERCIALY AVAILABLE**

**PART NUMBER: FNP-1549**  
**CAVITY BAND PASS FILTER**

<b>ISSUED / REVISION</b>	<b>ENGINEER APPROVED</b>	<b>DOCUMENT CHECKED</b>	<b>DRAFTSMAN</b>
02/24/2024 <sup>(ASM)</sup>	02/24/2024 <sup>(TG)</sup>		

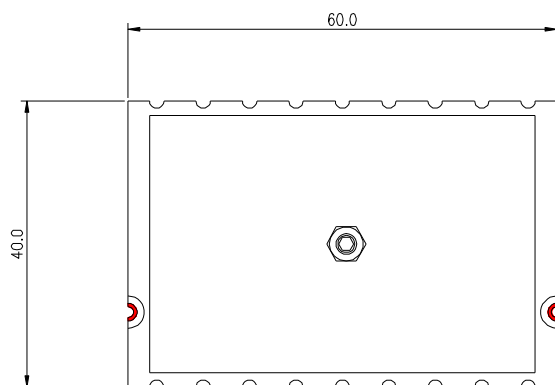
***FILTRONETICS Inc***

**1. Part Number: FNP-1549**

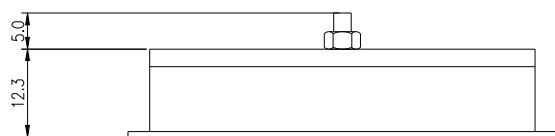
**2. Electrical Specifications:**



No.	Parameter	Unit	Specification
1	Center Frequency	MHz	10000
2	Bandwidth	MHz	Fc ±500 (9500~10500MHz)
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	80 Min. @ 8100MHz 30 Min. @ 11200MHz
7	Input Power	Watt	3 CW Max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	°C	-40 ~ +85

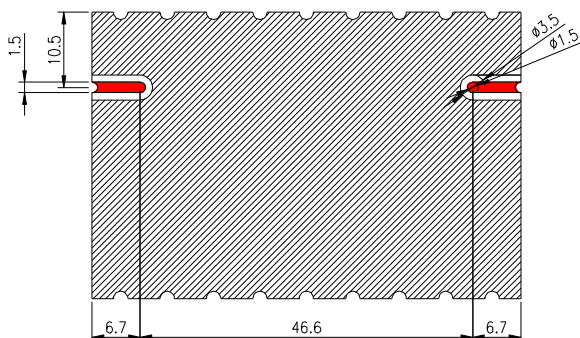
**3. Mechanical Package Style:**



**Marking:**  
 Filtronetics Inc  
 FNP-1549  
 Date Code: YYWW



 : In / Out Port  
 : Ground



4. Theoretical Response Plots:

