

# **SPECIFICATION**

## **COMMERCIALY AVAILABLE**

**CAVITY BAND PASS FILTER**  
**PART NUMBER: FNP-1523**

<b>ISSUED / REVISION</b>	<b>ENGINEER APPROVED</b>	<b>DOCUMENT CHECKED</b>	<b>DRAFTSMAN</b>
12/18/2020 <sup>(ASM)</sup>			

***FILTRONETICS Inc***

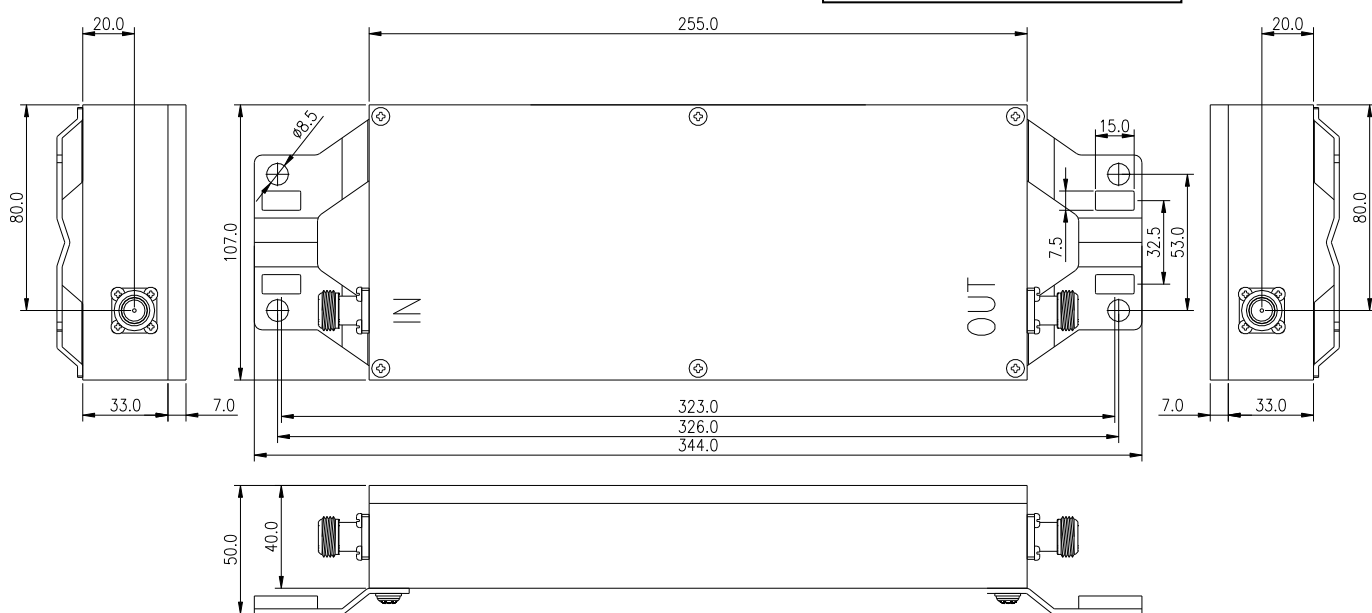
1. Part Number: FNP-1523

2. Electrical Specifications:

Parameter	Unit	Specification
Center Frequency	MHz	2247.5
Pass Bandwidth	MHz	Fc ±49 Min. (2200~2295MHz)
Insertion Loss in B.W	dB	0.6 typ., 0.8 Max. @ 2200~2290MHz 1.0 typ., 1.2 Max. @ 2292~2295MHz
Ripple in BW	dB	0.6 Max
V.S.W.R	-	1.35 : 1 Max.
Attenuation	dB	35 typ., 30 Min. @ 2302MHz 80 Min. @ 2025~2120MHz 80 Min. @ 2360~4000MHz
Input Power	W	2 CW Avg., Max.
IN/OUT Impedance	Ω	50
Connector	-	Input: N(Female) / Output: N(Female)
Finish	-	Internal (Silver plating) / External (Black painting)
Operating Temperature	°C	0 to +55
IP Rate	-	IP65 _ Outdoor usage

3. Mechanical Package Style: (mm)

MARKING:  
 Filtronetics  
 FNP-1523  
 Date Code (YYWW)



4. Theoretical Response Plot:

