

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: CAVITY BAND PASS FILTER
PART NUMBER: FNP-1454

5/17/2019: Updated Mechanical Package Style drawing to reflect new hole dimensions on brackets.

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
08/31/2018 ^(AM)	03/29/2019 ^(TG)		
5/17/2019 ^(CJG)			

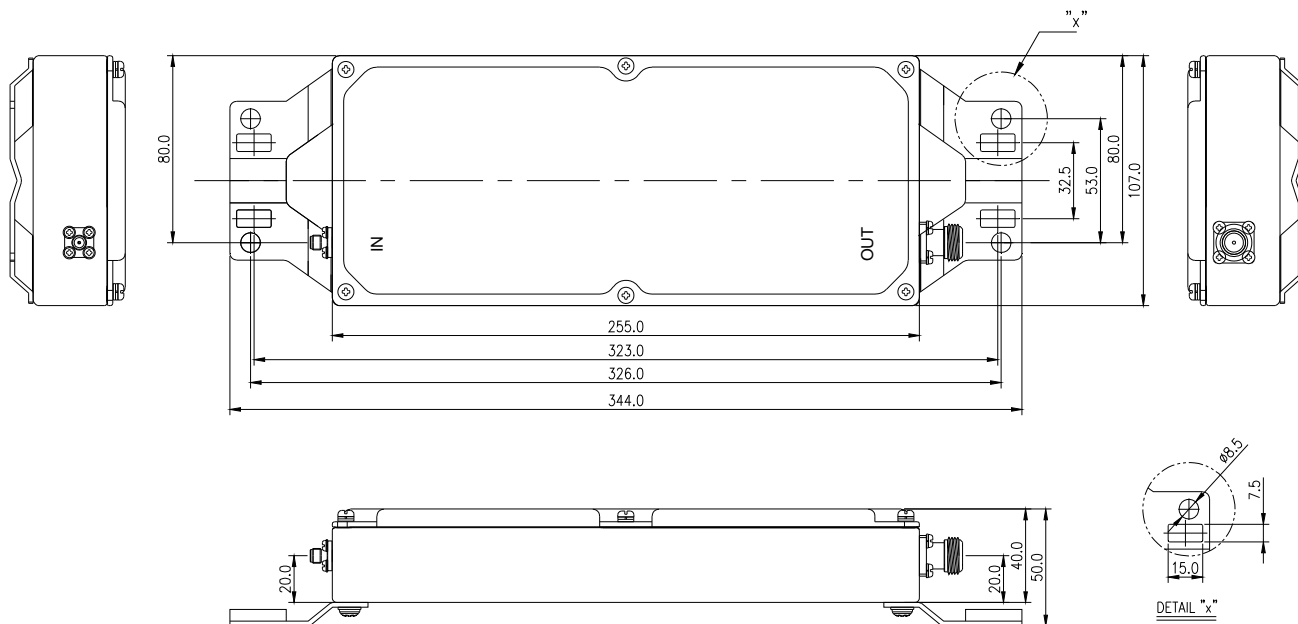
FILTRONETICS Inc

1. Part Number: FNP-1454

2. Electrical Specifications:

Technical Specification		Compliance
Pass Band Freq	2200 to 2298 MHz	YES
Pass Band Insertion Loss:	Freq: 2200-2292 MHz - 0.8 dB max. (0.6 dB desirable) Freq: 2292-2298 MHz – 1.2 dB max. (1.0 dB desirable)	YES
Pass Band Ripple.	0.6 dB max	YES
Rejection	Min. 30 dB notch (rejection) at 2305 MHz. 35 dB notch desirable.	YES
Rejection	Min. 80 dB in 2025 – 2120 MHz band and for Freq.> 2380 MHz	YES
I/P & O/p Interface:	SMA / N Female Connector, 50 ohms	YES
I/p & O/p VSWR:	1.35:1 or better	YES
Power Handling Capacity:	Min. 2 watts CW	
Material / Internal finish:	Silver plated Aluminum preferred.	YES
Mechanical Dimension (mm):	Max. 350 (L) x 125 (W) x 60 (H)	
External finish:	Anti-corrosion .black paint	YES
Operating Temperature:	0 to +55°C	YES
Packaging:	Weather sealed for antenna hub mounting. IP65 protection required	YES

3. Mechanical Package Style:



4. Graphs:

