

SPECIFICATION

ITEM: CAVITY BAND PASS FILTER
 PART NUMBER: FNP-1453

REVISED 02/26/19: UPDATED PASS BAND WIDTH AND MECHANICAL PACKAGE

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
08/03/18 ^(TG)			
02/26/19 ^(TF)			

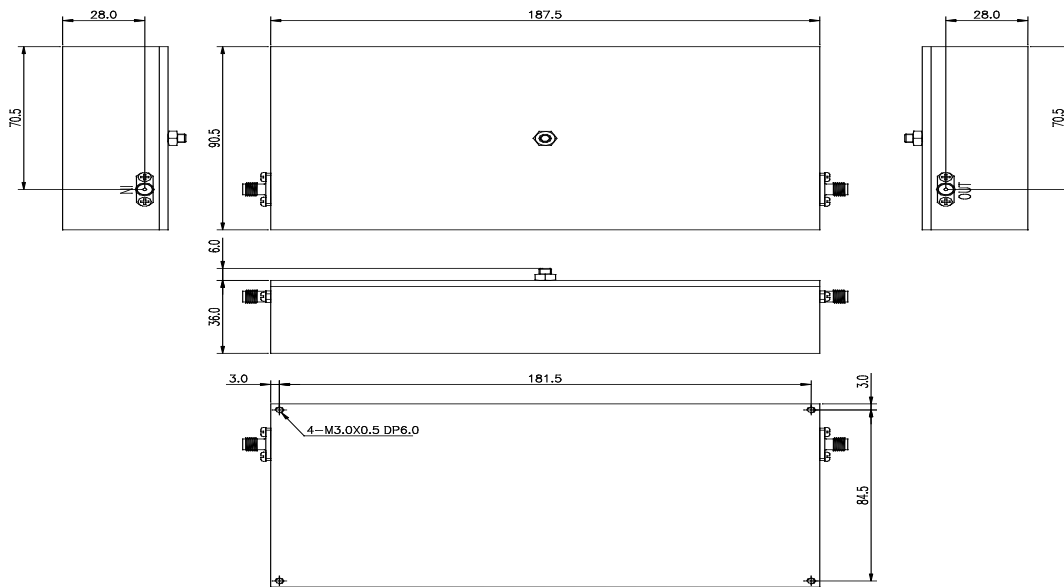
FILTRONETICS Inc

1. Part Number: FNP-1453

2. Electrical Specifications:

Center Frequency	MHz	1244.16
3 dB Pass Bandwidth (Nominal)	MHz	$F_c \pm 4$ Min (1240.16~1248.16 MHz)
Insertion Loss in at F_o	dB	3.0 Max (1244.16 MHz)
Ripple over 80% BW	dB	1.0 Max (1240.16~1248.16 MHz)
Return Loss over 80% BW	dB	18 Min (1240.16~1248.16 MHz)
Attenuation	dB	3 Min @ 1239.16 MHz 3 Min @ 1249.16 MHz 40 Min @ 1000~1234.16 MHz 40 Min @ 1254.16~1500 MHz
Input Power	W	5 CW Avg Max
IN/OUT Impedance	Ω	50
Operating Temp. Range	$^{\circ}\text{C}$	-30 ~ +70
Connector	-	SMA Female – All ports
Finish	-	Black

3. Mechanical Package



Dimensions in mm

4. Theoretical Response

