

SPECIFICATION

COMMERCIALY AVAILABLE

CAVITY BAND PASS FILTER
PART NUMBER: FNP-1529

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
08/16/2021 ^(ASM)			

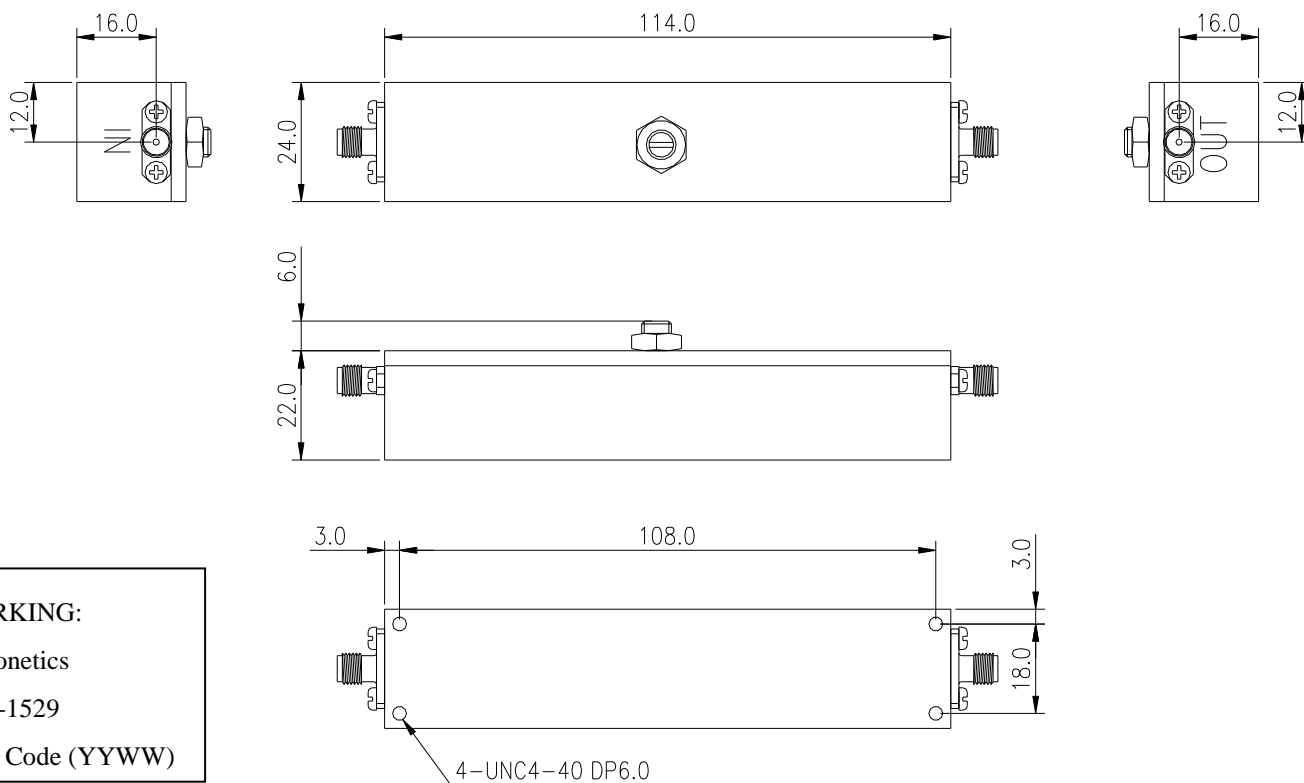
FILTRONETICS Inc

1. Part Number: FNP-1529

2. Electrical Specifications:

Parameter	Unit	Specification
Center Frequency	MHz	3700
Pass Bandwidth	MHz	$F_c \pm 300\text{MHz}$ (3400~4000MHz)
Insertion Loss in BW	dB	1.0 Max.
Return loss in BW	dB	18.0 Min.
Attenuation	dB	50 Min. @ DC~3000 MHz 50 Min. @ 4400~7000MHz
Input Power	W	5 CW Max.
IN/OUT Impedance	Ω	50
Temperature	$^{\circ}\text{C}$	-25~+60
Connector	-	SMA (Female)-All Ports
Finish	-	Black Painting

3. Mechanical Package Style: (mm)



MARKING:
 Filtronetics
 FNP-1529
 Date Code (YYWW)

4. Theoretical Response Plot:

