

# SPECIFICATION

COMMERCIALLY AVAILABLE

High Power Encased Ceramic Filter

PART NUMBER: FNP-1487

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
11/26/2019 <sup>(ASM)</sup>			

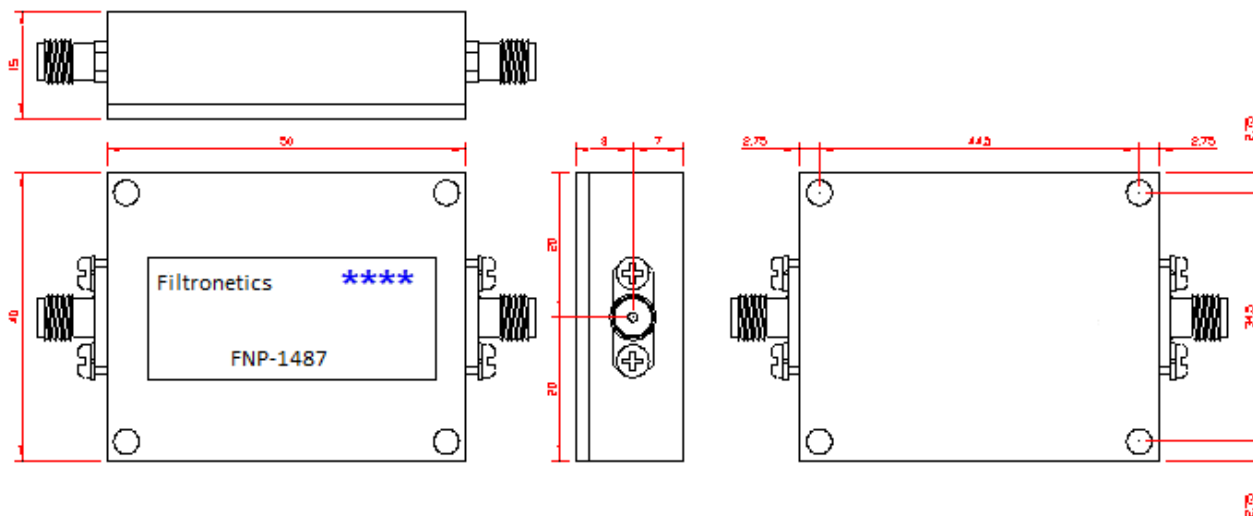
***FILTRONETICS Inc***

1. Part Number: FNP-1487

2. Electrical Specifications:

Parameter	Unit	Specification
Center Frequency	MHz	10000
Bandwidth	MHz	$F_c \pm 5.0$ (9995 ~ 10005MHz)
Insertion Loss in BW	dB	11 Max.
Ripple in BW	dB	1.5 Max.
Return Loss in BW	dB	12.0 Min.
Attenuation	dB	40 Min. @ 9400 ~ 9900MHz
		40 Min. @ 10100 ~ 10600MHz
Input Power	Watt	1.0 Max.
IN/OUT Impedance	$\Omega$	50
Operating Temp. Range	$^{\circ}\text{C}$	-10 ~ +50
Connector	-	SMA(Female) – All ports
Finish	-	White Chromate

3. Mechanical Package Style:



NOTES:

1. Encased Package
2. Dimensions in millimeters
3. Tolerance unless specified:  $\pm 0.3$
4. \*\*\*\* Date code (YYWW)
5. Connector: SMA Female

4. Theoretical Response:

