

SPECIFICATION

COMMERCIALLY AVAILABLE

LC BAND PASS FILTER
PART NUMBER: FNP-1531
RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
08/26/2021 ^(ASM)			

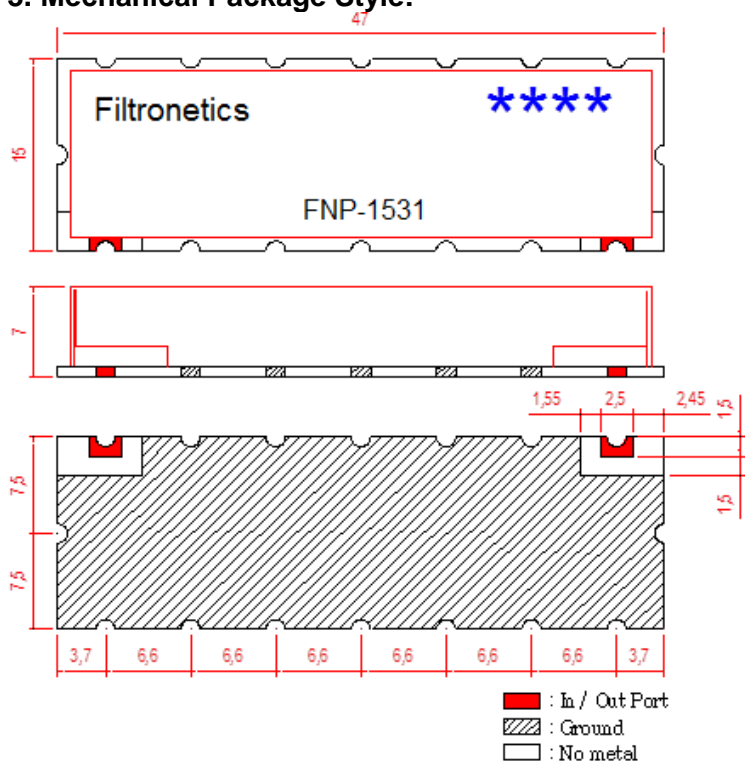
FILTRONETICS Inc

1. Part Number: FNP-1531

2. Electrical Specifications:

Parameter	Unit	Specification
Center Frequency	MHz	1300
Bandwidth	MHz	$F_c \pm 325$ (975 ~ 1625MHz)
Insertion Loss in BW	dB	2.0 Max.
Ripple in BW	dB	1.0 Max.
Return Loss in BW	dB	14 Min.
Absolute Attenuation	dB	45 Min. @ DC ~ 100MHz
		45 Min. @ 2600 ~ 4000MHz
Input Power	Watt	1.0 Max.
IN/OUT Impedance	Ω	50
Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85

3. Mechanical Package Style:



NOTES:

1. Surface mount package
2. Dimensions in millimeters
3. Max reflow temperature 230°C for 10 sec
4. If boards are cleaned after installation units must be completely dried
5. Tolerance unless specified: ± 0.3
6. **** Date code (YYWW)

4. Theoretical Response Plot:

