

# **SPECIFICATION**

**COMMERCIALY AVAILABLE**

**LC BAND PASS FILTER**  
**PART NUMBER: FNP-1525**  
**RoHS**

<b>ISSUED / REVISION</b>	<b>ENGINEER APPROVED</b>	<b>DOCUMENT CHECKED</b>	<b>DRAFTSMAN</b>
01/18/2021 <sup>(ASM)</sup>			

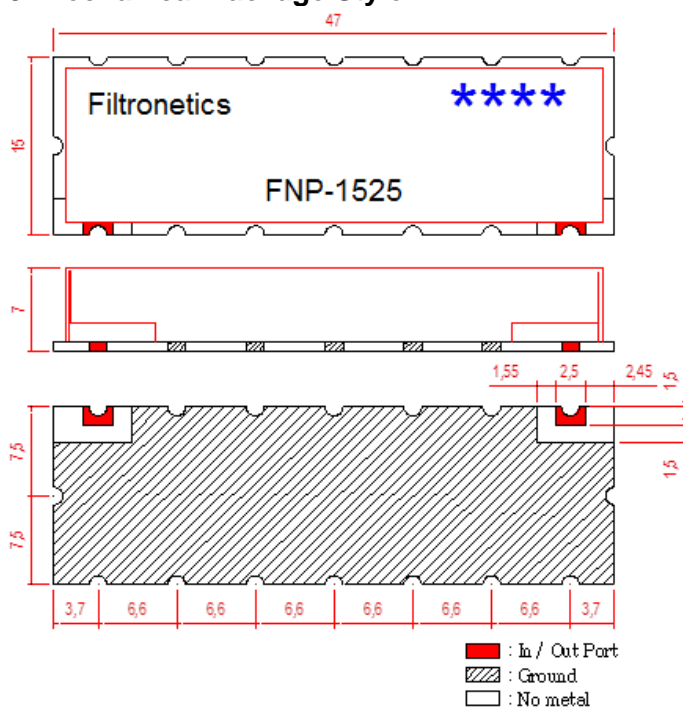
***FILTRONETICS Inc***

1. Part Number: FNP-1525

2. Electrical Specifications:

Parameter	Unit	Specification
Center Frequency	MHz	1245
Bandwidth	MHz	$F_c \pm 235$ (1010 ~ 1480MHz)
Insertion Loss in BW	dB	4.0 Max.
Ripple in BW	dB	1.5 Max.
Return Loss in BW	dB	12 Min.
Attenuation	dB	30 Min. @ 400 ~ 900MHz
		1.0 Min. @ 1500 ~ 1600MHz
		20 Min. @ 1600 ~ 4000MHz
Input Power	Watt	1 Max.
IN/OUT Impedance	$\Omega$	50
Operating Temp. Range	$^{\circ}\text{C}$	-40 to +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:  $\pm 0.3$
6. \*\*\*\* Date code (YYWW)

### 4. Theoretical Response Plot:

