

**SPECIFICATION**  
**COMMERCIALY AVAILABLE**

**LC BAND PASS FILTER**

**PART NUMBER: FNP-1507**

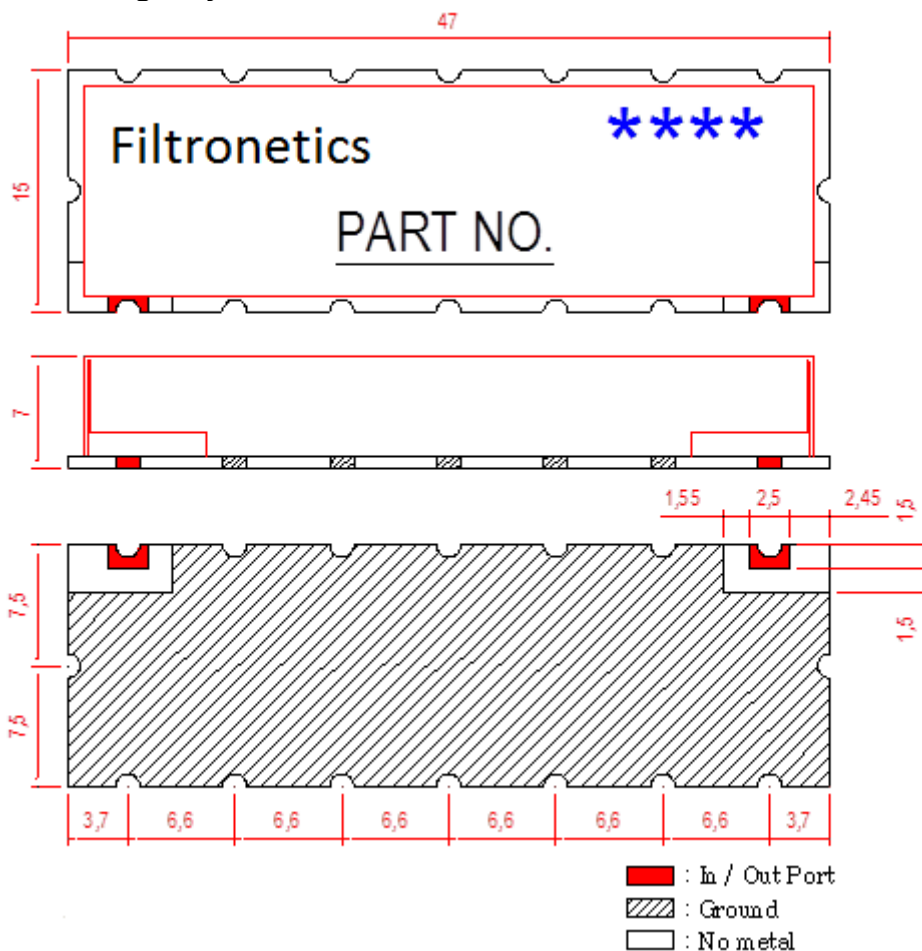
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
06/23/2020 <sup>(ASM)</sup>			

***FILTRONETICS Inc***

**1. Part Number: FNP-1507****2. Electrical Specifications:**

Parameter	Unit	Specification
Center Frequency	MHz	2250
Bandwidth	MHz	$F_c \pm 750$ (1500 ~ 3000MHz)
Insertion Loss in BW	dB	2.0 Max.
Ripple in BW	dB	1.5Max.
Return Loss in BW	dB	12 Min.
Attenuation	dB	30 Min. @ DC ~ 100MHz
		30 Min. @ 4500 ~ 6000MHz
Input Power	Watt	1.0 Max.
IN/OUT Impedance	$\Omega$	50
Operating Temp. Range	$^{\circ}\text{C}$	-30 ~ +75

**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:

