

**SPECIFICATION**  
**COMMERCIALY AVAILABLE**

**CERAMIC BAND PASS**  
**PART NUMBER: CF-10000254**  
**RoHS**

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
10/21/13 <sup>(kn)</sup>	10/22/2013 TFG		10/22/2013 GL	
	05/09/2014 TFG		05/09/2014 GL	

**FILTRONETICS Inc**

1. APPLICATION

THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

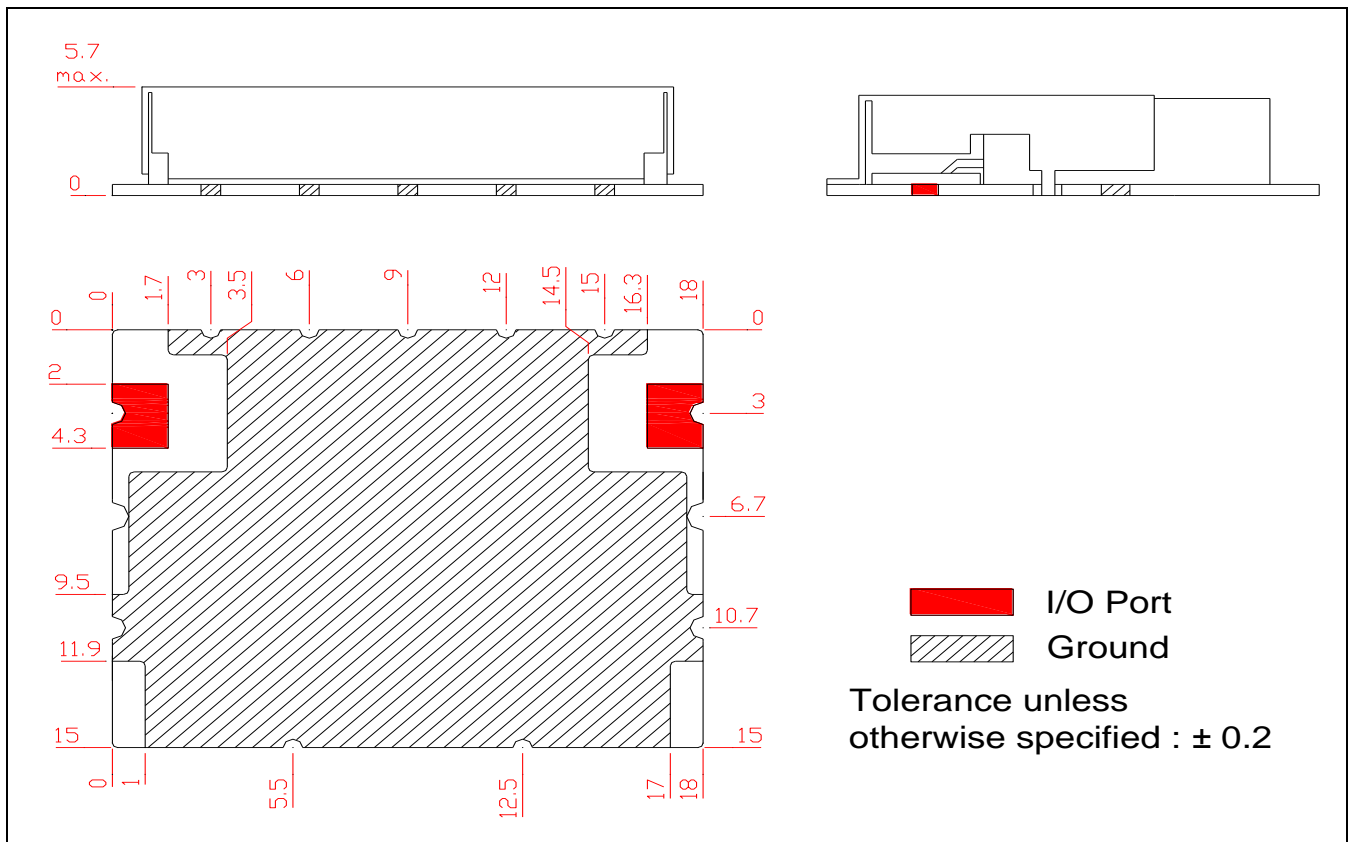
2. PART NUMBER: CF-10000254

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	1000
2	Bandwidth	MHz	$F_c \pm 12.5$ min. (987.5~1012.5 MHz)
3	Insertion Loss in BW	dB	3.0 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	14.0 min.
6	Attenuation	dB	50 min. @ 900 MHz 50 min. @ 1100 MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	$\Omega$	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +70

Marking:  
CF-10000254  
Date Code

4. DIMENSIONS:



5. SIMULATION:

