

**SPECIFICATION**  
**COMMERCIALY AVAILABLE**

**CERAMIC MONOBLOCK**  
**PART NUMBER: CFM-18800606**

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
1/14/14 <sup>(kn)</sup>	01/15/2014 TFG		01/15/2014 GL	

**FILTRONETICS Inc**

1. APPLICATION

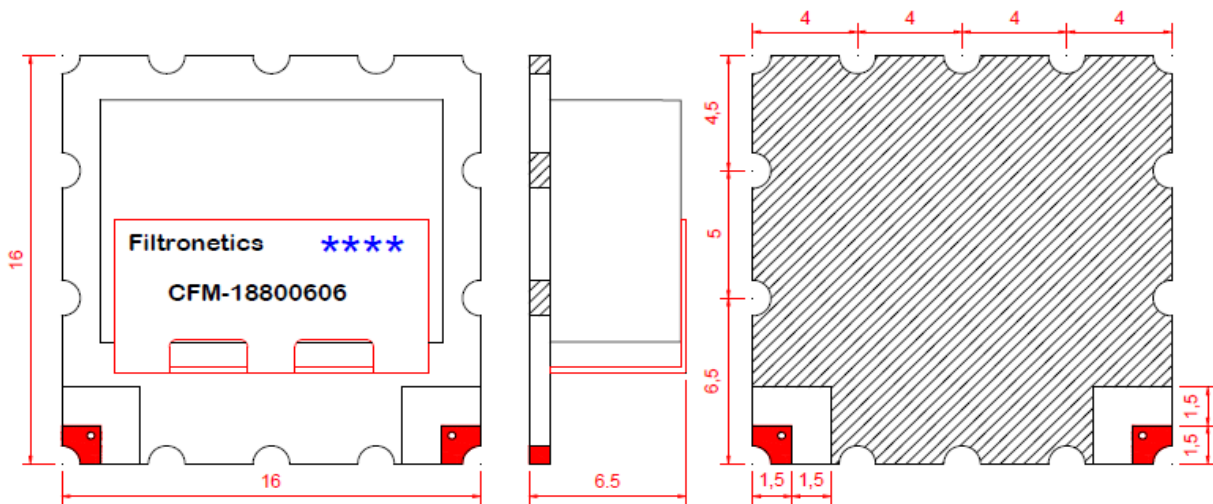
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CFM-18800606

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	1880
2	Bandwidth	MHz	$F_c \pm 30$ (1850 ~ 1910MHz)
3	Insertion Loss in BW	dB	3.0 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	14 min.
6	Attenuation	dBc	30 min. @ DC ~ 1349MHz
			37 min. @ 1350 ~ 1667MHz
			30 min. @ 1668 ~ 1785MHz
			37 min. @ 2100 ~ 2414MHz
			20 min. @ 2414 ~ 12600MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	$\Omega$	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85

4. DIMENSIONS:



Notes :

- Surface mount package
- Dimensions in millimeters
- Max reflow temperature 230 $^{\circ}\text{C}$  for 10 sec
- If boards are cleaned after installation units must be completely dried
- Tolerance unless specified :  $\pm 0.3$
- \*\*\*\* -> Date code(YYWW)

- : In / Out Port
- : Ground
- : No metal

5. SIMULATION:

