

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC MONOBLOCK
PART NUMBER: CFM-17470756

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

FILTRONETICS Inc

1. APPLICATION

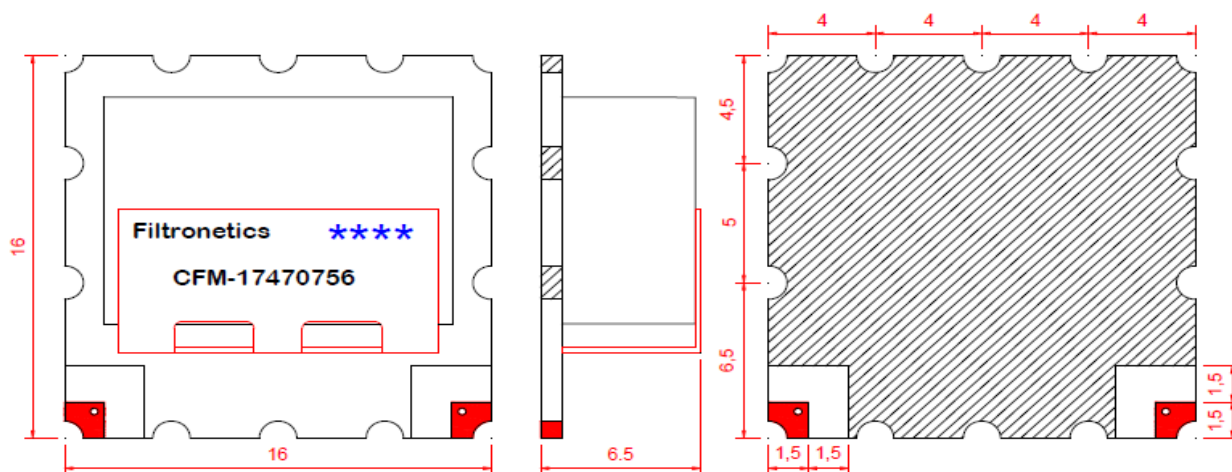
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CFM-17470756

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	1747.5
2	Bandwidth	MHz	$F_c \pm 37.5$ (1710 ~ 1785MHz)
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.
37 6	Attenuation	dBc	30 min. @ DC ~ 1284MHz
			37 min. @ 1285 ~ 1536MHz
			30 min. @ 1537 ~ 1665MHz
			30 min. @ 1850 ~ 1910MHz
			37 min. @ 1959 ~ 2284MHz
			20 min. @ 2284 ~ 12600MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85

4. DIMENSIONS:



Notes :

1. Surface mount package
2. Dimensions in millimeters
3. Max reflow temperature 230 $^{\circ}\text{C}$ 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)

5. SIMULATION:

