

SPECIFICATION
COMMERCIALY AVAILABLE

CERAMIC MONOBLOCK
PART NUMBER: CFM-24120106

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
5/23/14 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

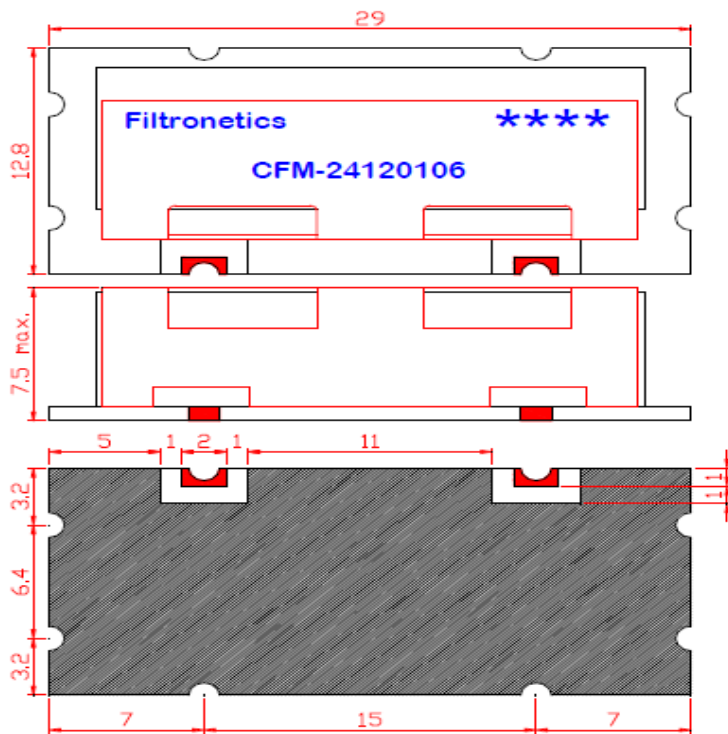
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CFM-24120106

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	2412
2	Bandwidth	MHz	$F_c \pm 5.0$ (2407 ~ 2417MHz)
3	Insertion Loss at F_c	dB	3.5 max.
	3dB Bandwidth		$F_c \pm 10$ MHz min.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	10 min.
6	Attenuation	dB	25 min. @ 2437MHz
7	Input Power	Watt	2 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	0 ~ +45

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)

: In / Out Port
 : Ground

5. SIMULATION:

