

SPECIFICATION
COMMERCIALY AVAILABLE

CERAMIC MONOBLOCK
PART NUMBER: CFM-05090068

RoHS

Also available with 'N' connectors

See FNP-1315

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
5/17/13 ^(kn)	08/23/2013 TFG		08/13/2013 GL	

FILTRONETICS Inc

1. APPLICATION

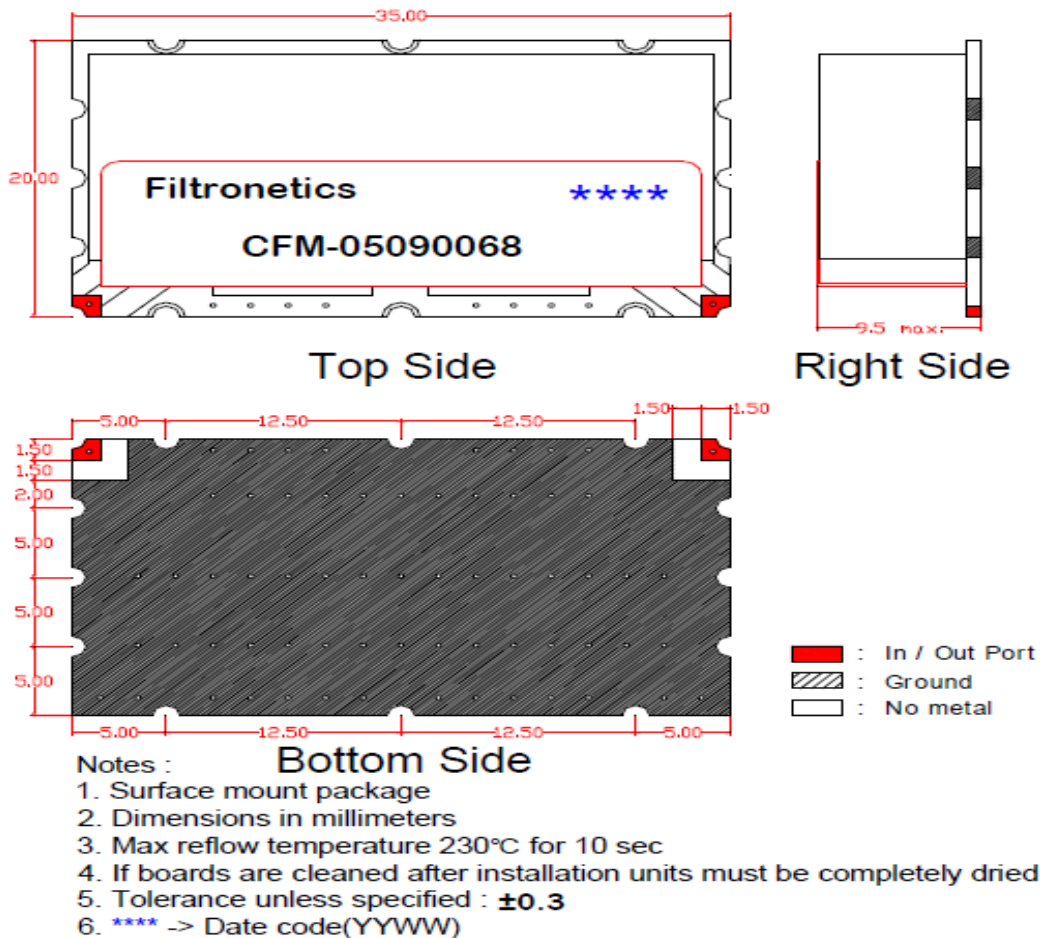
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CFM-05090068

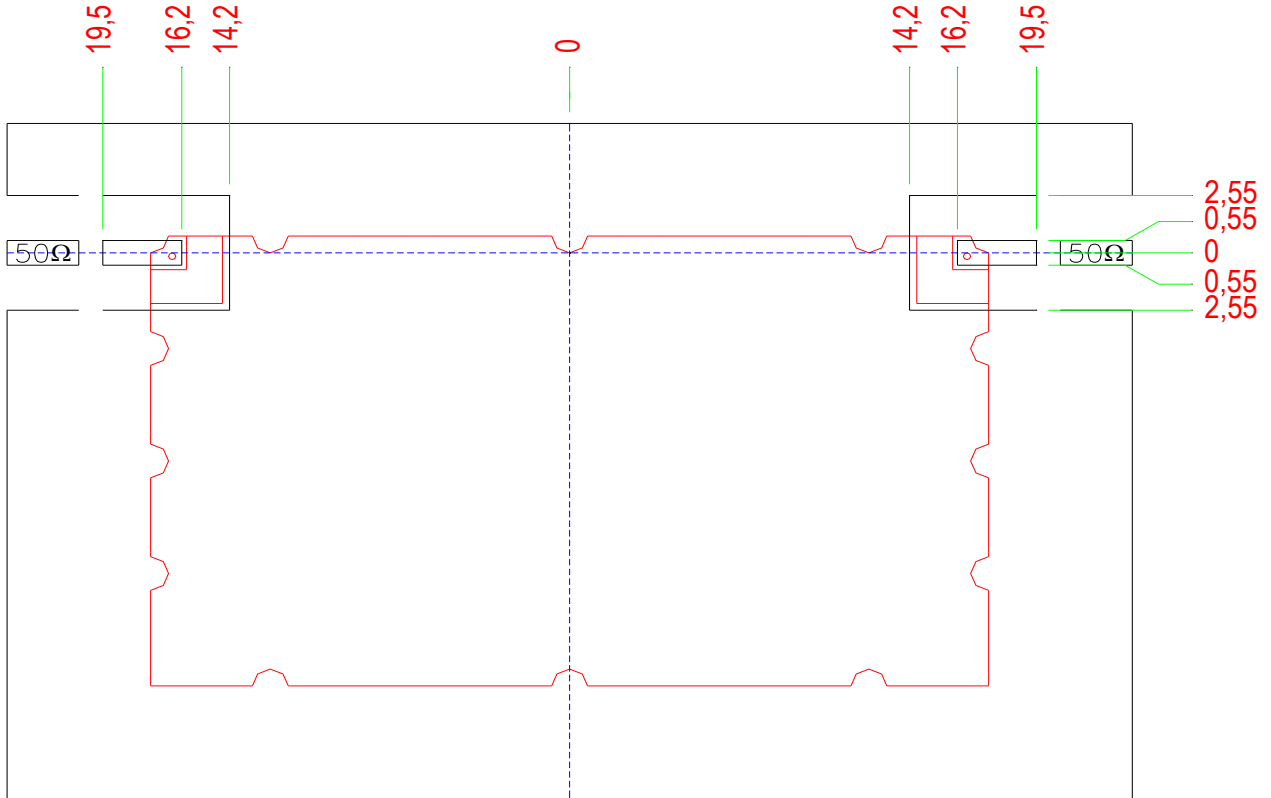
3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	509
2	Bandwidth	MHz	$F_c \pm 3.0$ (506 ~ 512MHz)
3	Insertion Loss in BW	dB	3.5 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	15.0 min.
6	Attenuation	dB	40 min. @ 495MHz
			40 min. @ 523MHz
7	Input Power	Watt	2.0 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85

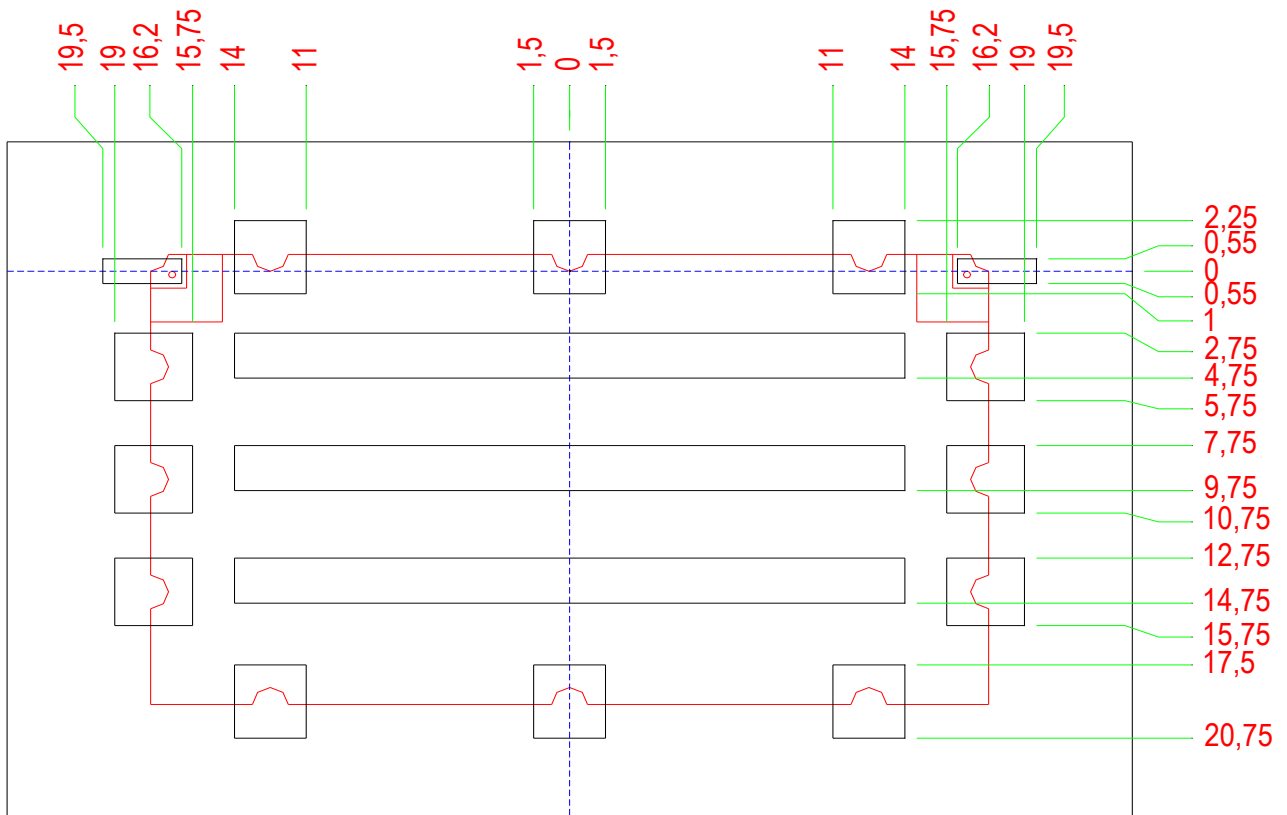
4. DIMENSIONS: [Unit: mm]



Recommended land pattern, Recommended resist pattern



Recommended land pattern



Recommended resist pattern

5. SIMULATION:

