

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CFM-22501004A

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
11/3/14 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

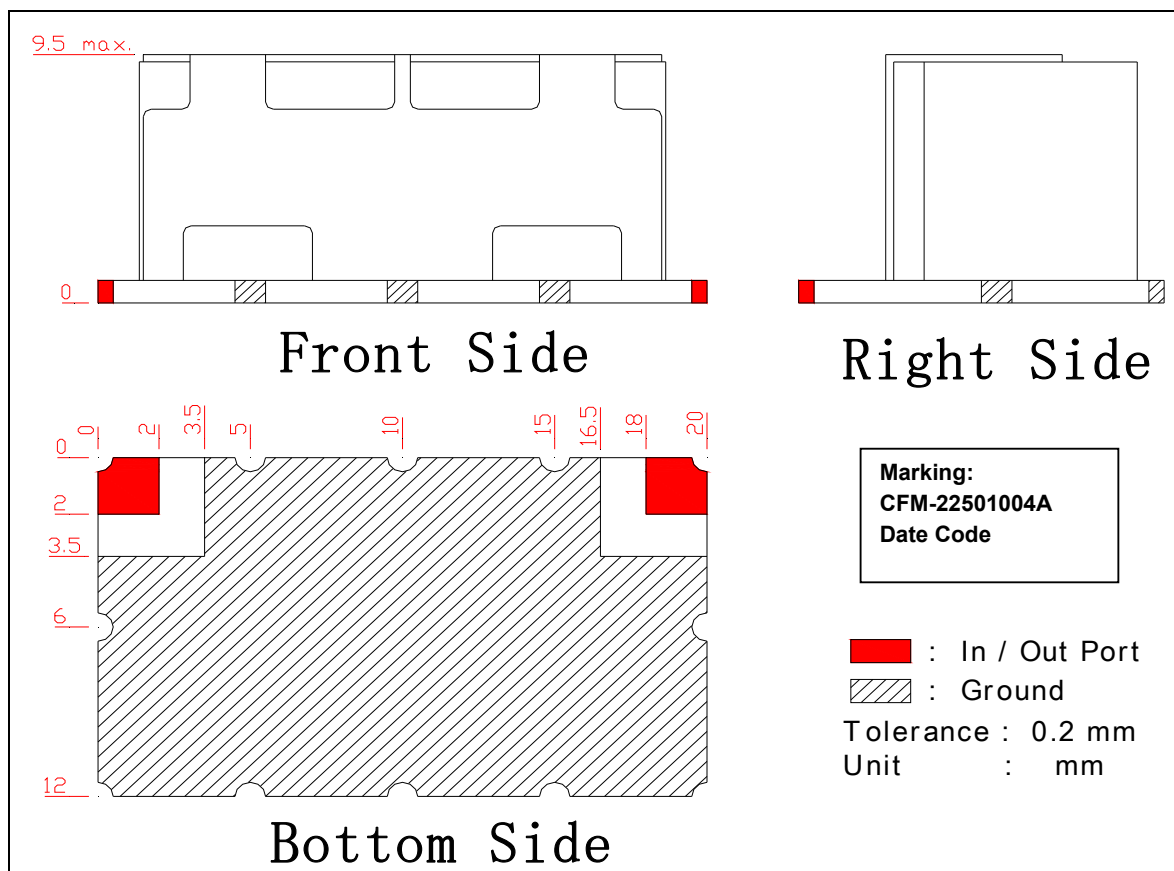
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CFM-22501004A

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	2250
2	Bandwidth	MHz	$F_c \pm 50$ min. (2200~2300 MHz)
3	Insertion Loss in BW	dB	1.0 typ. / 1.5 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	16.0 min.
6	Attenuation	dB	20 min. @ 2120 MHz 20 min. @ 2380 MHz
7	Input Power	Watt	10 max. (40 dBm max.)
8	Operating Temp. Range	°C	0 ~ 85
9	IN/OUT Impedance	Ω	50

4. DIMENSIONS:



5. SIMULATION: