

SPECIFICATION

COMMERCIALY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CFM-2500023

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
12/18/15 ^(kn) NEW FORMAT				

FILTRONETICS Inc

1. APPLICATION

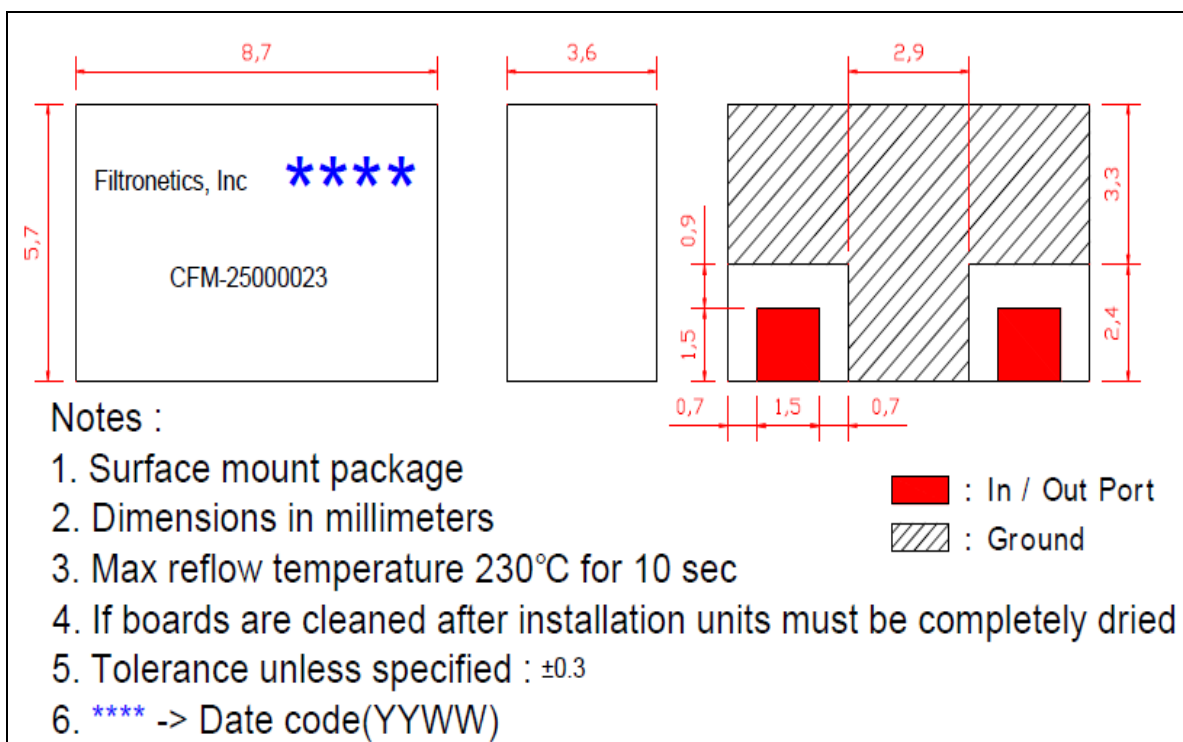
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

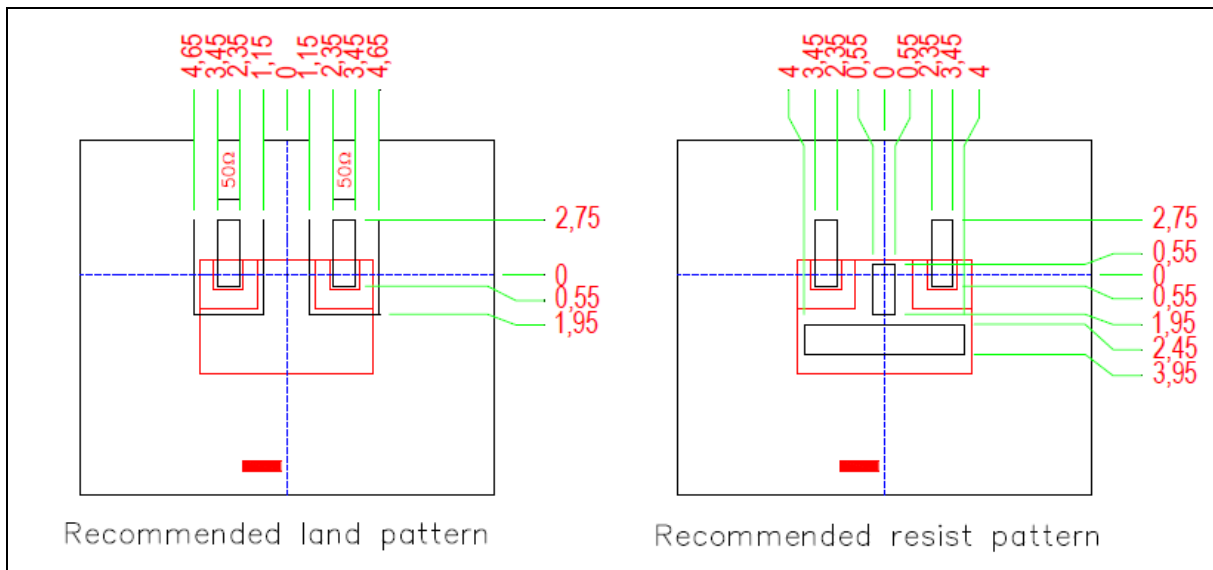
2. PART NUMBER: CFM-25000023

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	2500
2	Bandwidth	MHz	$F_c \pm 1.0$ (2499 ~ 2501MHz)
3	Insertion Loss in BW	dB	1.5 max.
4	Ripple in BW	dB	0.5 max.
5	Return Loss in BW	dB	15 min.
6	Attenuation	dB	21.0 min. @ 2300MHz
			12.0 min. @ 2400MHz
			12.0 min. @ 2600MHz
			21.0 min. @ 2700MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85

4. DIMENSIONS:





5. SIMULATION:

