

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER:CF-08360203D

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
3/21/06**				

FILTRONETICS Inc

1. APPLICATION

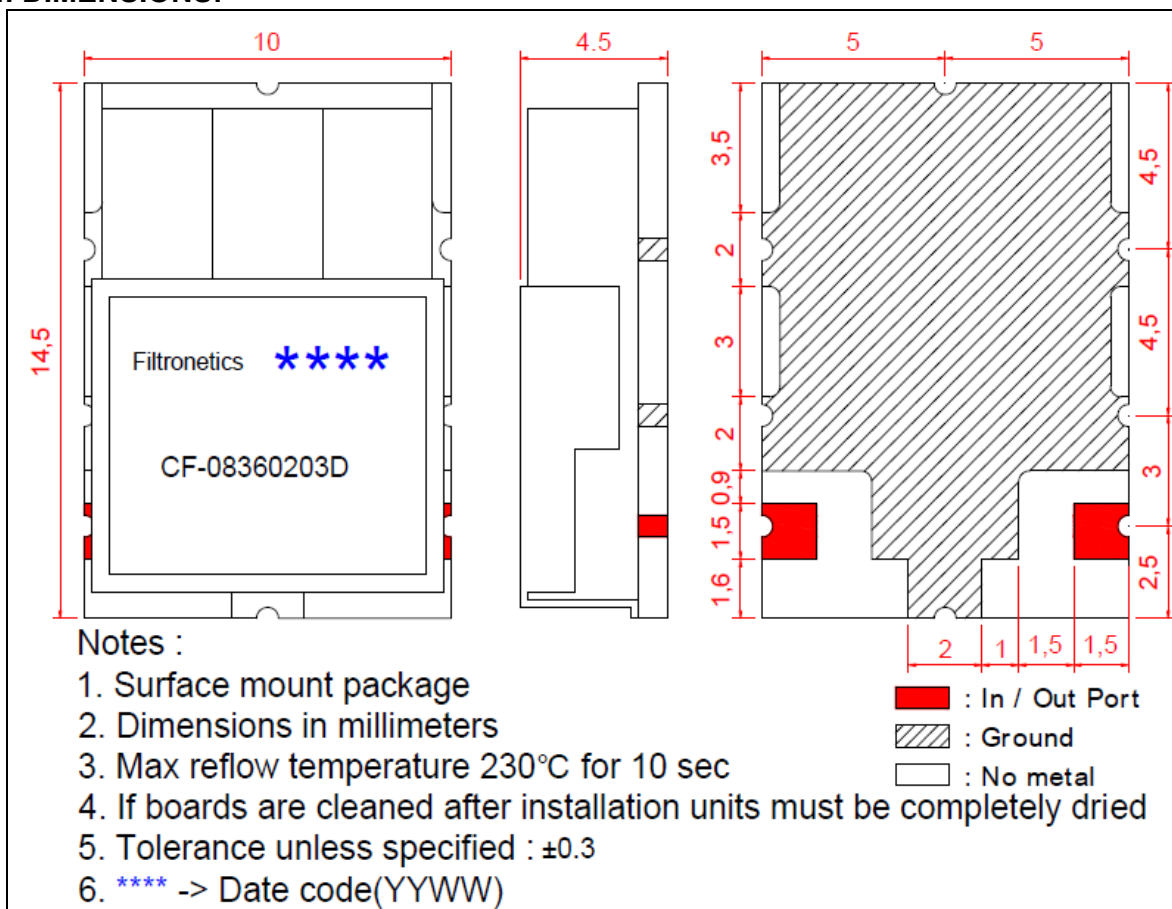
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-08360203D

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	836.5
2	Bandwidth	MHz	$F_c \pm 10$ (826.5 ~ 846.5MHz)
3	Insertion Loss in BW	dB	2.8 max.
4	Ripple in BW	dB	0.8 max.
5	Return Loss in BW	dB	14 min.
6	Attenuation	dB	36 min. @ 756.5MHz
			36 min. @ 916.5MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-20 ~ +70

4. DIMENSIONS:



5. SIMULATION: