

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-13001007A
RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
12/7/15 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

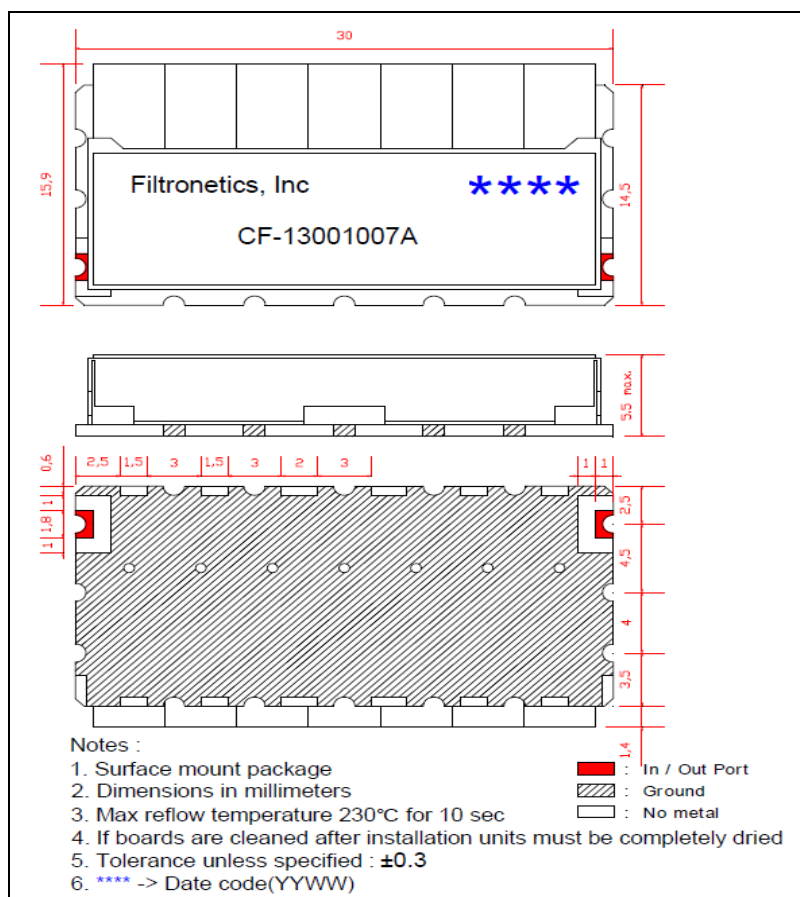
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-13001007A

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	1300
2	Bandwidth	MHz	$F_c \pm 50(1250 \sim 1350\text{MHz})$
	1.0dB Bandwidth		100 min.
3	Insertion Loss at F_c	dB	2.0 max.
4	Ripple in BW	dB	1.5 max.
5	Return Loss in BW	dB	12.0 min.
6	Attenuation	dBc	40.0 min. @ 1200MHz
			38.0 min. @ 1400MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-30 ~ +75

4. DIMENSIONS:



5. SIMULATION: