

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-58000706

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
12/12/14 ^(kn)				
FILTRONETICS Inc				

1. APPLICATION

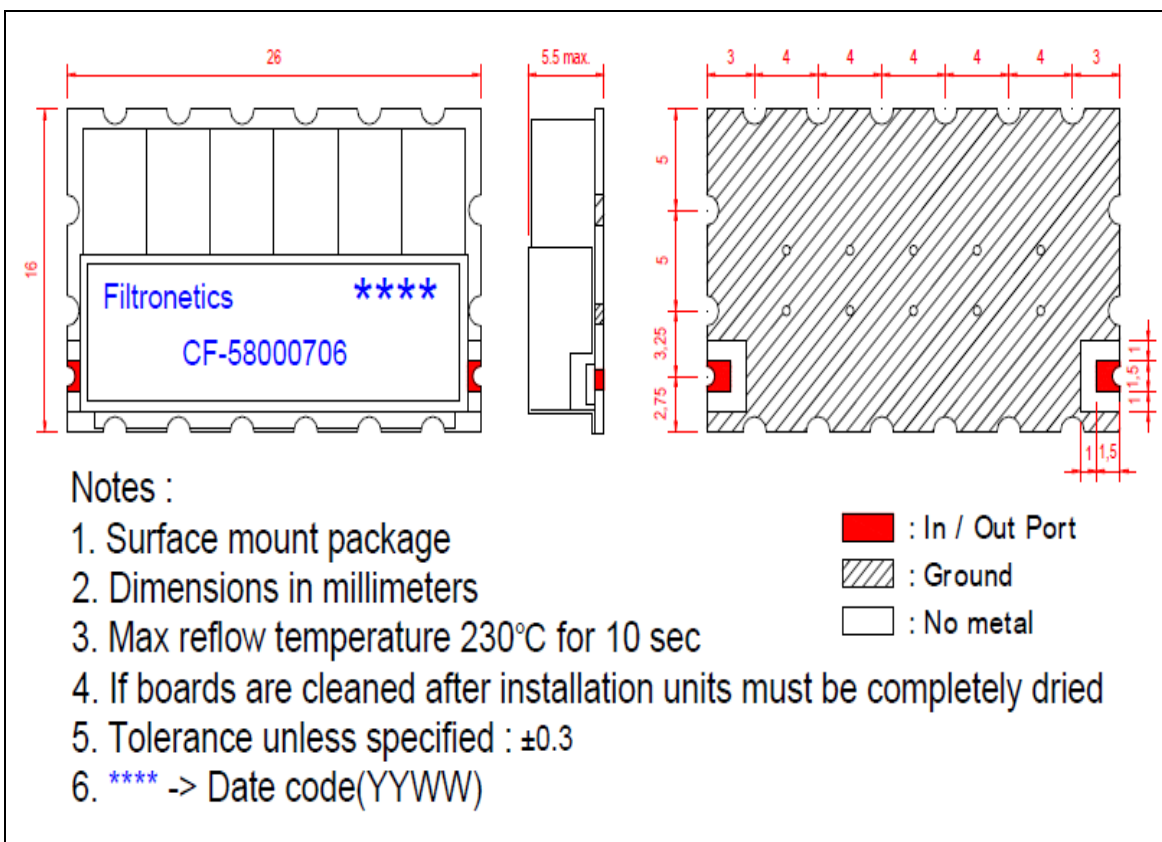
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-58000706

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	5800
2	Bandwidth	MHz	$F_c \pm 35$ (5765 ~ 5835MHz)
3	Insertion Loss in BW	dB	8.5 max.
4	Ripple in BW	dB	2.0 max.
5	Return Loss in BW	dB	15 min.
6	Attenuation	dBc	10 min. @ 5730, 5870MHz
			23 min. @ 5700, 5900MHz
			28 min. @ 5650, 5950MHz
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: