

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-08000724A
RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
5/1/16 ^(kn)				
<i>FILTRONETICS Inc</i>				

1. APPLICATION

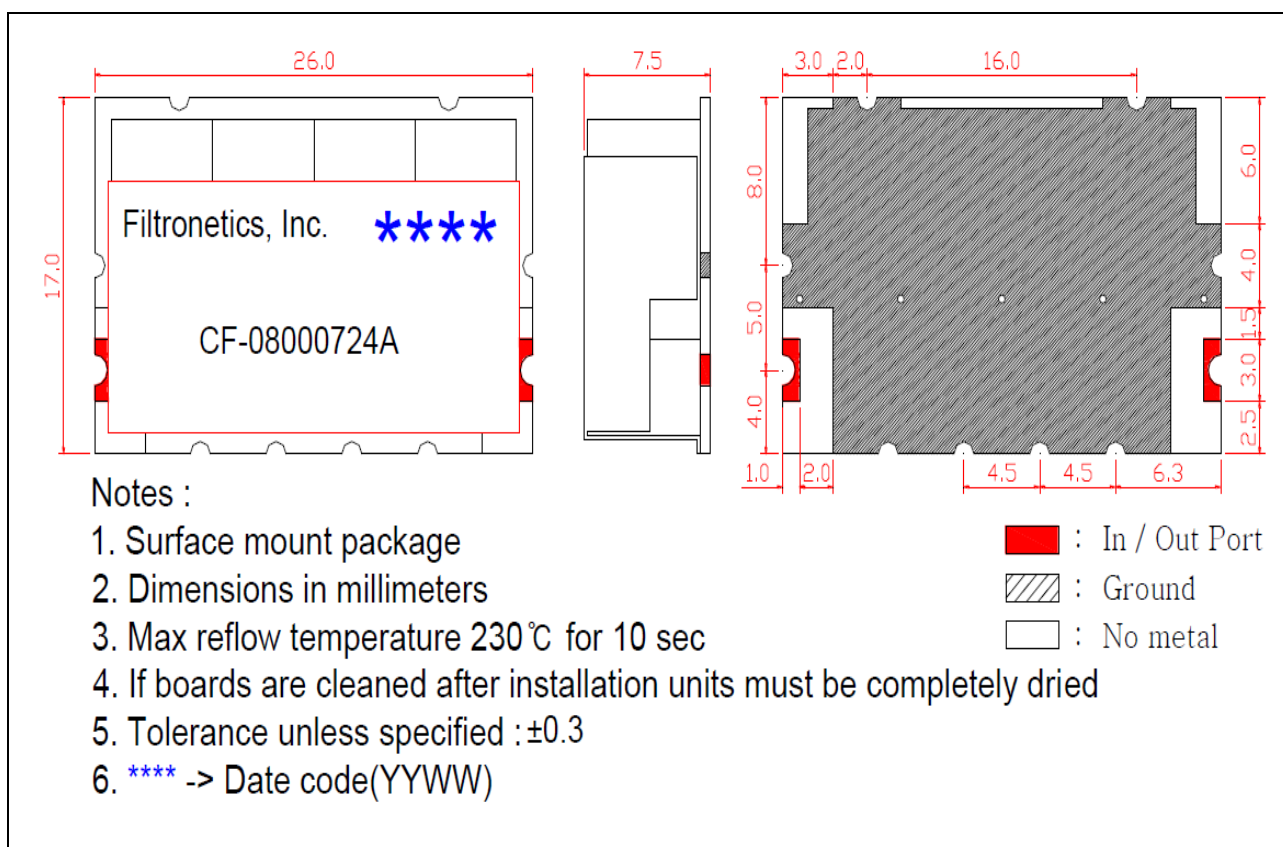
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-08000724A

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	800
2	Bandwidth	MHz	$F_c \pm 36$ (764 ~ 836MHz)
3	Insertion Loss at F_c	dB	1.0 max.
4	Ripple in BW	dB	0.3 max.
5	Return Loss in BW	dB	14 min.
6	Attenuation	dBc	20 min. @ 660MHz
			35 min. @ 940MHz
			35 min. @ 1044 ~ 1116MHz
7	Group Delay Variation in BW	nSec.	3.3 max.
8	Input Power	Watt	1 max.
9	IN/OUT Impedance	Ω	50
10	Operating Temp. Range	$^{\circ}\text{C}$	-30 ~ +70

4. DIMENSIONS:



5. SIMULATION: