

SPECIFICATION

COMMERCIALY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-05000204
RoHS

1/18/18 Changed format & added height dimension

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
2/3/12 DS				
1/10/18 ^(kn)				
1/18/18 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

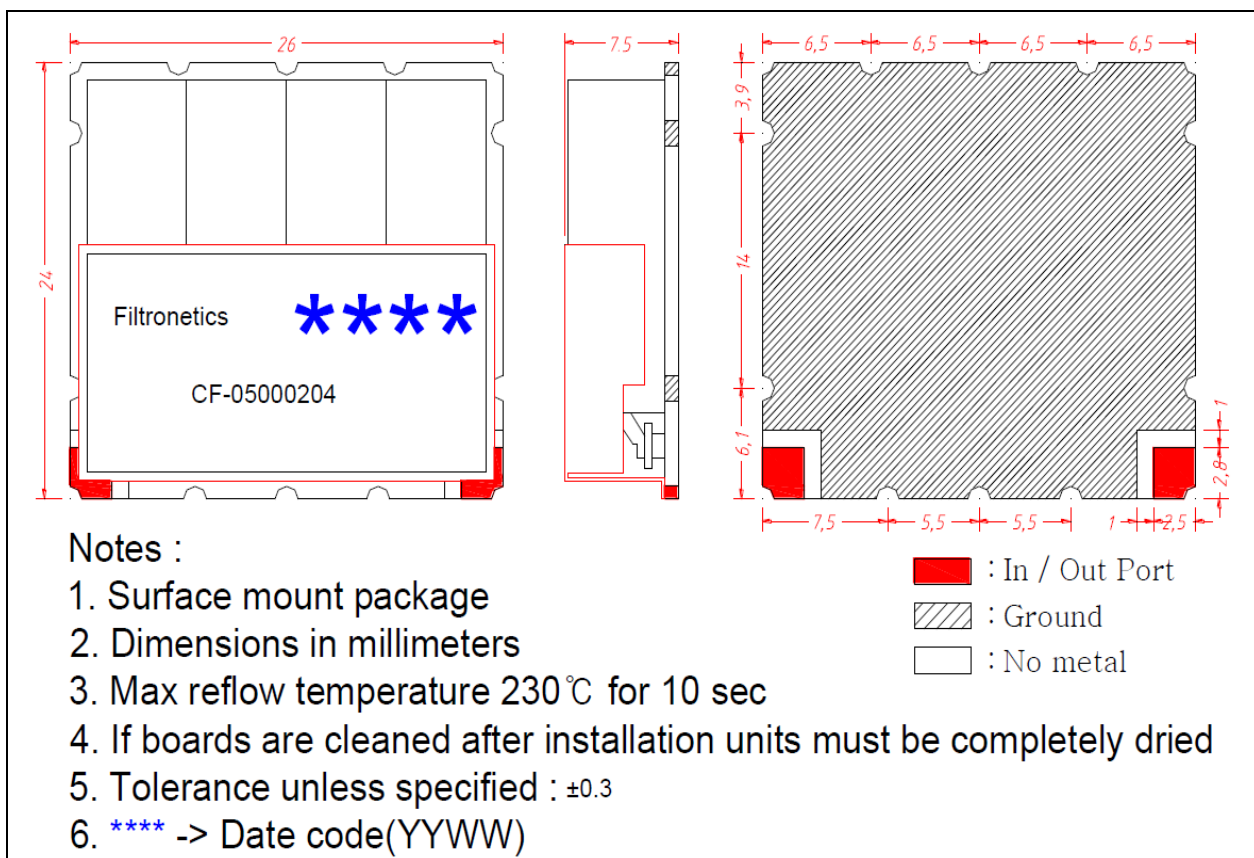
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-05000204

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	500
2	Bandwidth	MHz	Fc ± 10 (490 ~ 510MHz)
3	Insertion Loss at Fc	dB	2.5 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	10.0 min.
6	Attenuation	dBc	45 min. @ DC ~ 440MHz
			45 min. @ 560 ~ 1000MHz
7	Group Delay Variation	nSec.	2.0 max. @ 498 ~ 502MHz
8	Input Power	Watt	2 max.
9	IN/OUT Impedance	Ω	50
10	Operating Temp. Range	°C	-10 ~ +70

4. DIMENSIONS:



5. SIMULATION GRAPHS:

