

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-10900103B

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
9/15/14 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

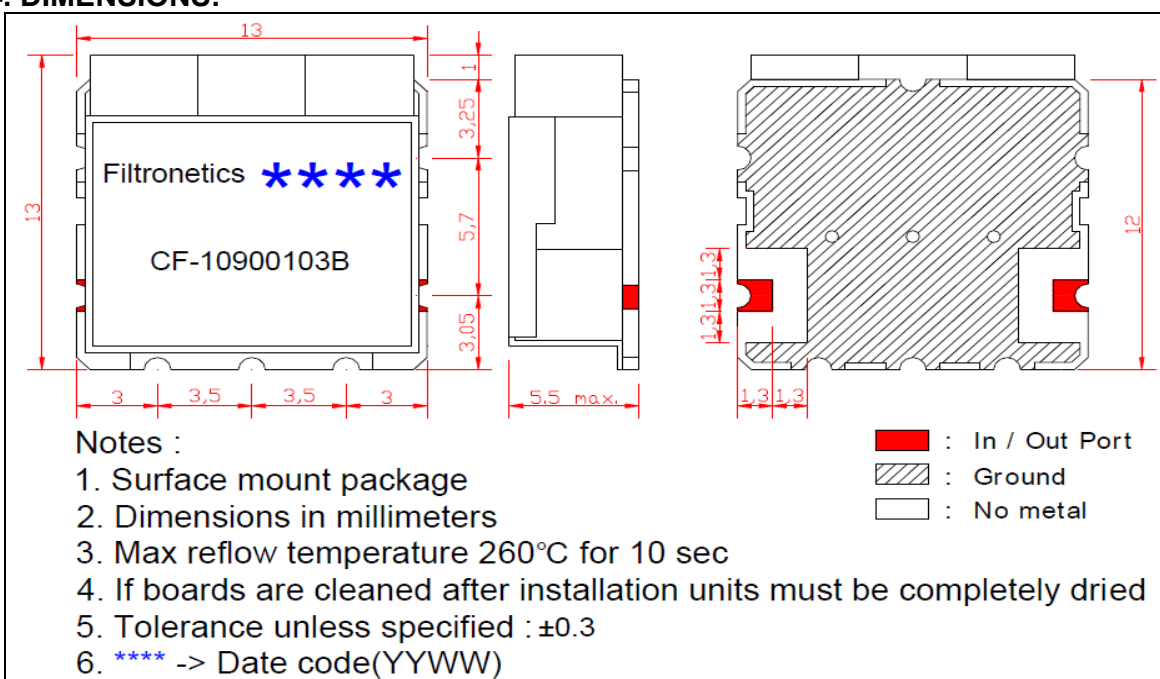
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-10900103B

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	1090
2	Bandwidth	MHz	$F_c \pm 5.0$ (1085 ~ 1095MHz)
3	Insertion Loss at Fc	dB	1.5 max.
4	Ripple in BW	dB	0.2 max.
5	Return Loss in BW	dB	15.0 min.
6	Attenuation	dBc	36 min. @ 745MHz
			55 min. @ 10 ~ 900MHz
			42 min. @ 963 ~ 982MHz
			26 min. @ 1030MHz
			50 min. @ 1430 ~ 2000MHz
			30 min. @ 2001 ~ 2500MHz
7	Group Delay Variation	nSec.	1.0 max.
8	Input Power	Watt	1.0 max.
9	IN/OUT Impedance	Ω	50
10	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85

4. DIMENSIONS:



5. SIMULATION: