

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-17720254A

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

FILTRONETICS Inc

1. APPLICATION

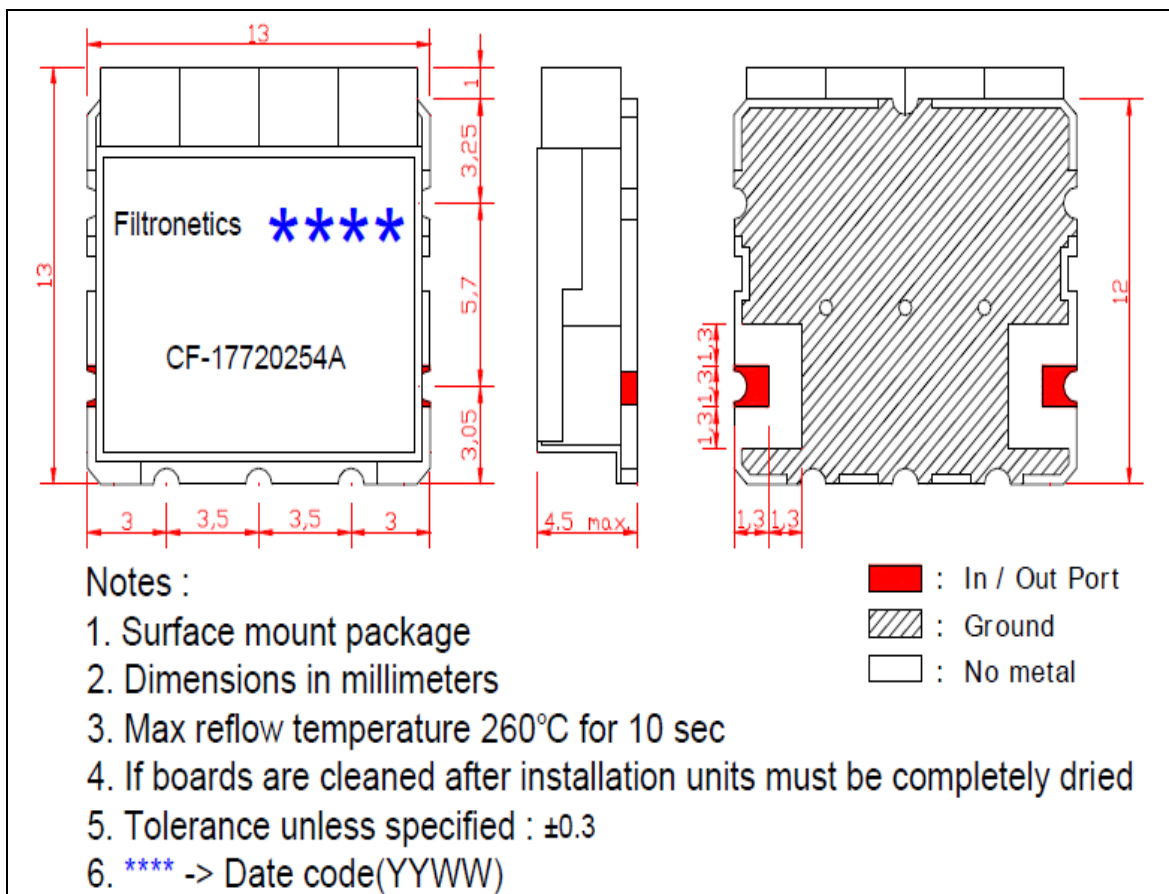
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-17720254A

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	1772.5
2	Bandwidth	MHz	$F_c \pm 8.5$ (1764 ~ 1781MHz)
	1dB Bandwidth		25 min.
3	Insertion Loss at F_c	dB	3.0 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	12 min.
6	Attenuation	dB	50 min. @ 1710 ~ 1720MHz
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: