

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-50004005A

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
10/10/16 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

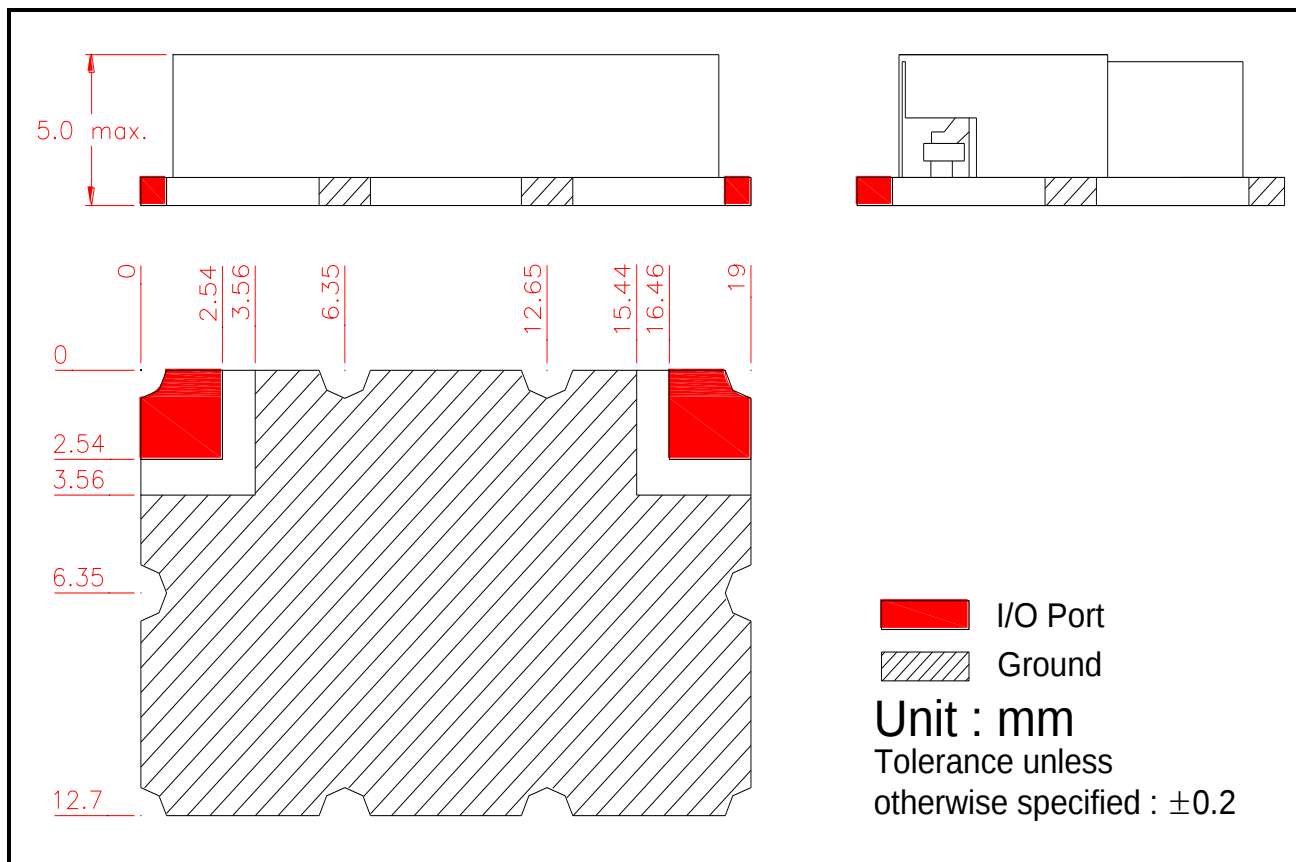
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-50004005A

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency (Fc)	MHz	5000
2	Pass-Band Bandwidth (BW)	MHz	4800 ~ 5200
3	Insertion Loss in BW	dB	1.8 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	14.0 min. (V.S.W.R – 1.5 : 1 max.)
6	Attenuation	dBc	50 min. @ 3400 MHz (Fc-1600)
			50 min. @ 6600 MHz (Fc+1600)
7	Input Power	W	1 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temperature	°C	-30 ~ +70

4. DIMENSIONS:



5. SIMULATION: