

SPECIFICATION
COMMERCIALY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-44006006
RoHS

6/16/14 added footprint

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
3/31/2014 ^(kn)	04/04/2014 TFG		04/04/2014 GL	
6/16/2014 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

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

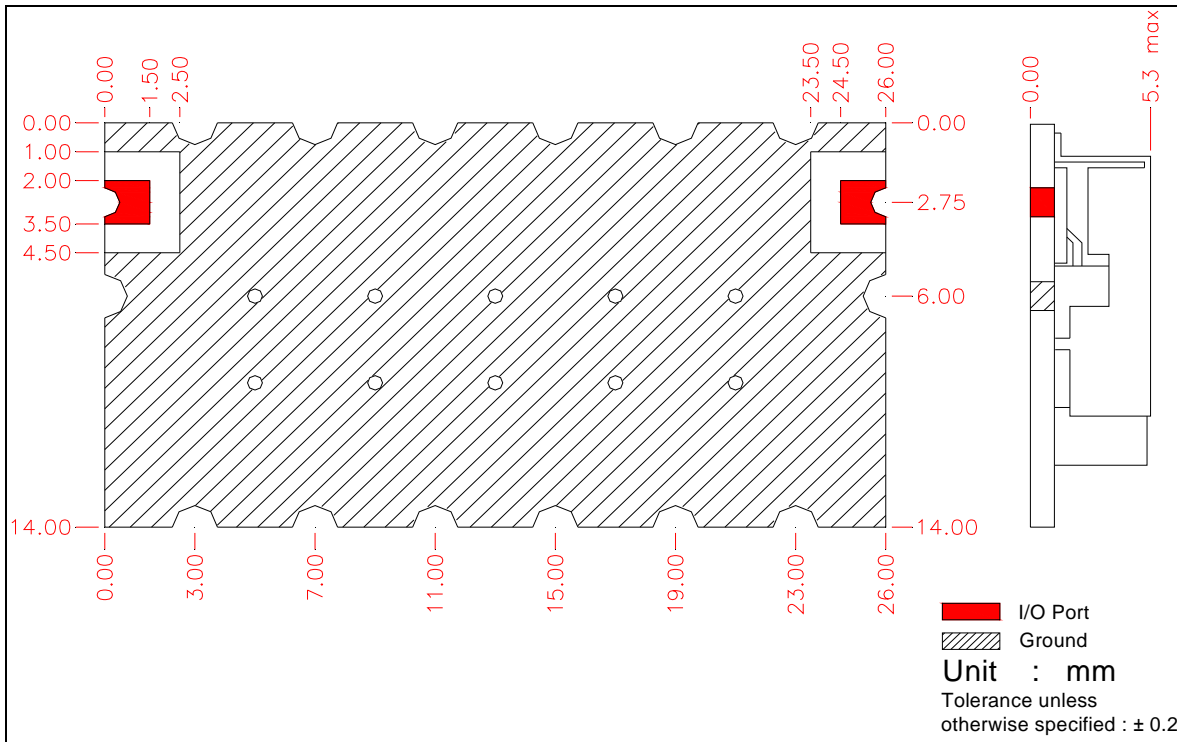
2. PART NUMBER: CF-44006006

3. SPECIFICATIONS:

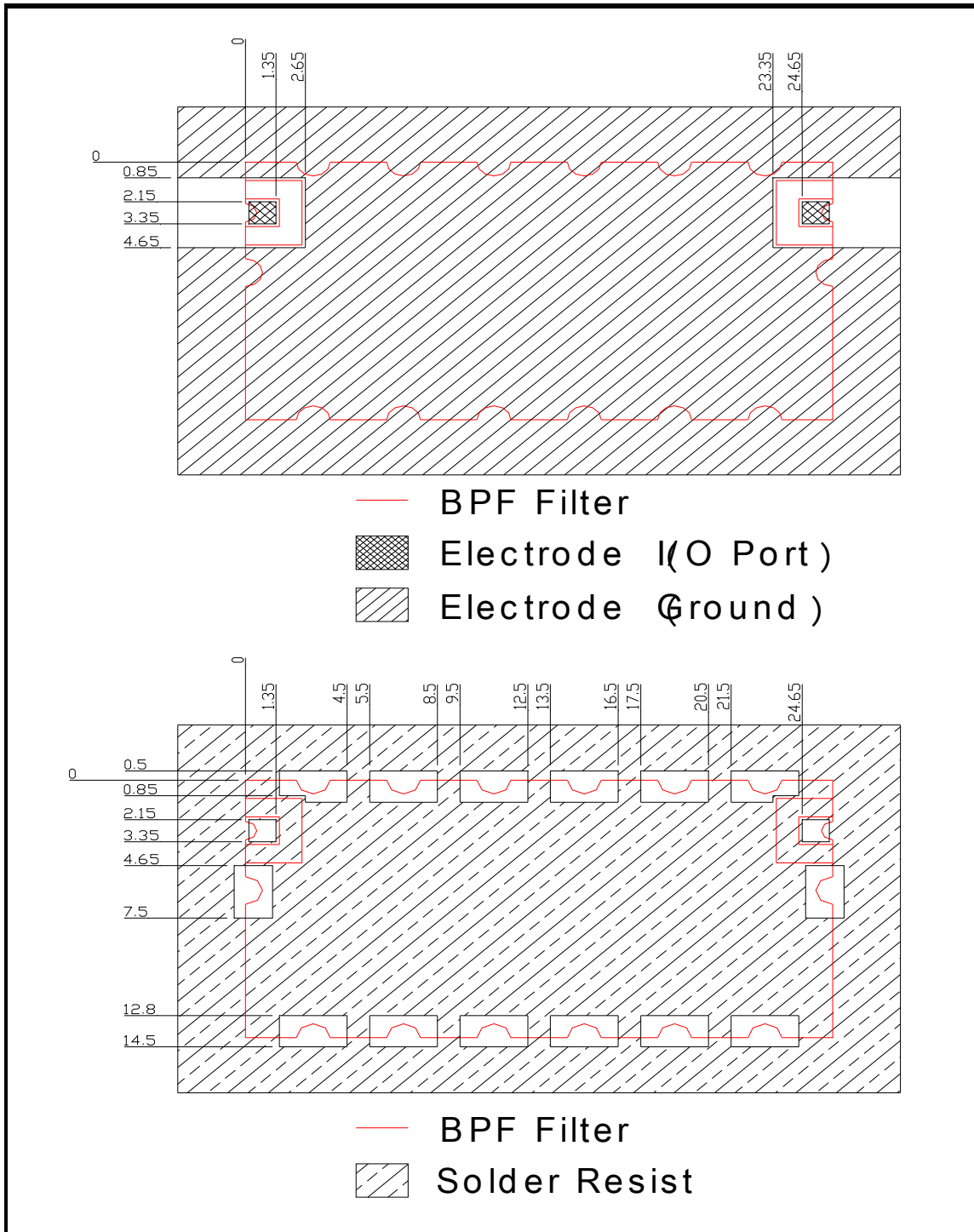
No.	Parameter	Unit	Specification
1	Center Frequency	MHz	4400
2	Pass-Band Bandwidth	MHz	Fo ± 300 (4100~4700 MHz)
3	1dB Bandwidth	MHz	500 min.
4	Insertion Loss in BW	dB	2.0 max.
5	Ripple in BW	dB	1.0 max.
6	Return Loss in BW	dB	15.0 min.
7	Attenuation	dBc	50 min. @ 3500 MHz 22 min. @ 5000 MHz 60 min. @ 9400 MHz (2 nd Harmonic)
8	Input Power	W	1 max.
9	IN/OUT Impedance	Ω	50
10	Operating Temp. Range	°C	-40 ~ +70

4. DIMENSIONS:

Marking:
CF-44006006
Date Code



Recommended Land Pattern (Footprint)



5. SIMULATION:

