

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-47006006

6/23/16 Changed Operating Temp from -30 to +75 to -40 to +85°C

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
3/29/16 ^(kn)				
6/23/16 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

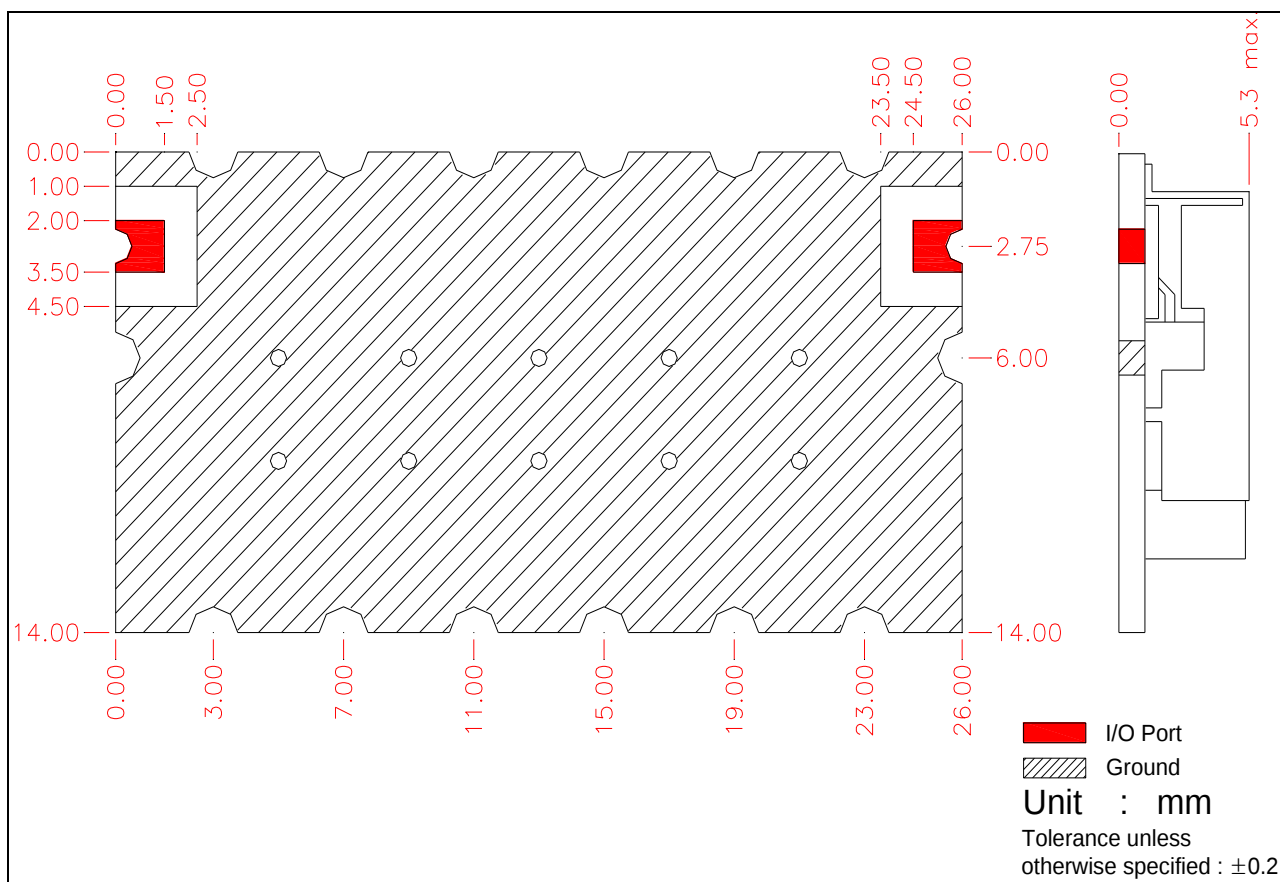
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-47006006

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	4700
2	Bandwidth	MHz	4400~5000 (Fo $\pm$ 300 MHz)
3	Insertion Loss in BW	dB	3.0 max.
4	Flatness in BW	dB	1.0 max.
5	Return Loss in BW	dB	12.0 min.
6	Attenuation	dB	50 min. @ 3500 MHz
			50 min. @ 5900 MHz
7	Input Power	W	2 W max.
8	IN/OUT Impedance	Ω	50
9	Operating Temperature	$^{\circ}\text{C}$	-40 ~ +85

4. DIMENSIONS:



5. SIMULATION: