

SPECIFICATION

COMMERCIALY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-07901505
RoHS

10/15/14 added land pattern

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
6/23/14 ^(kn)				
10/15/14 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

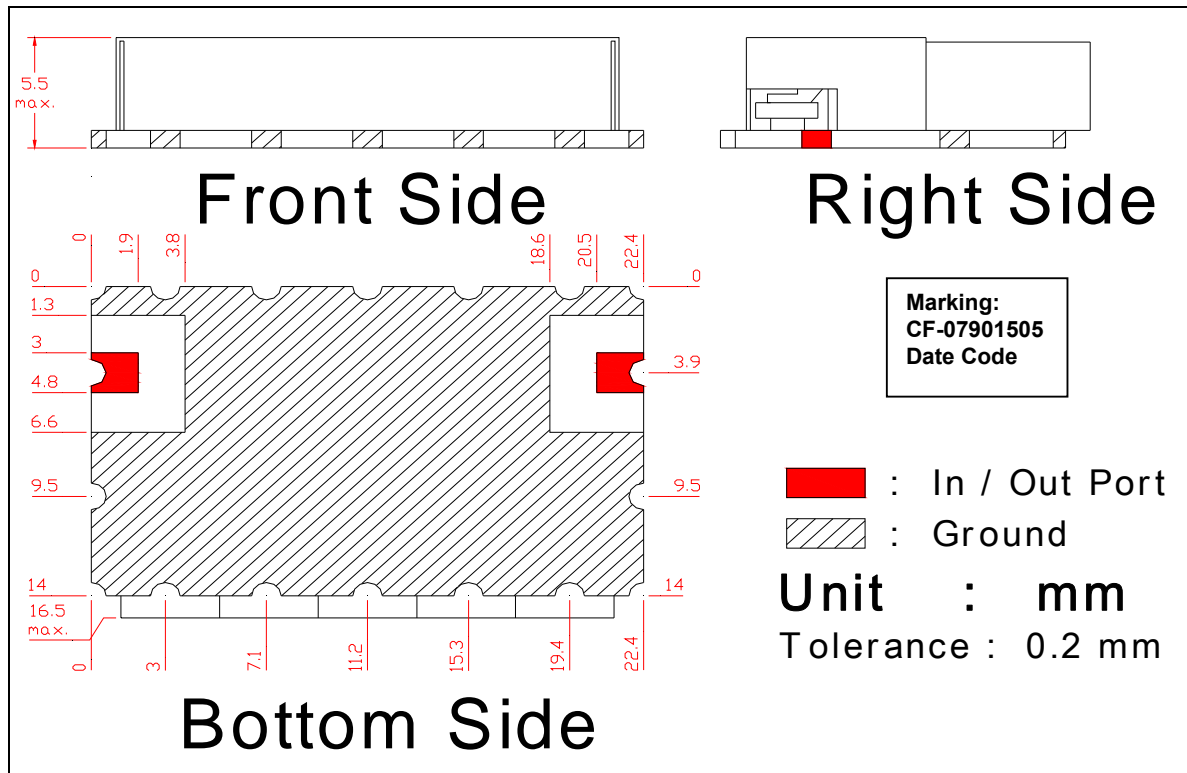
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-07901505

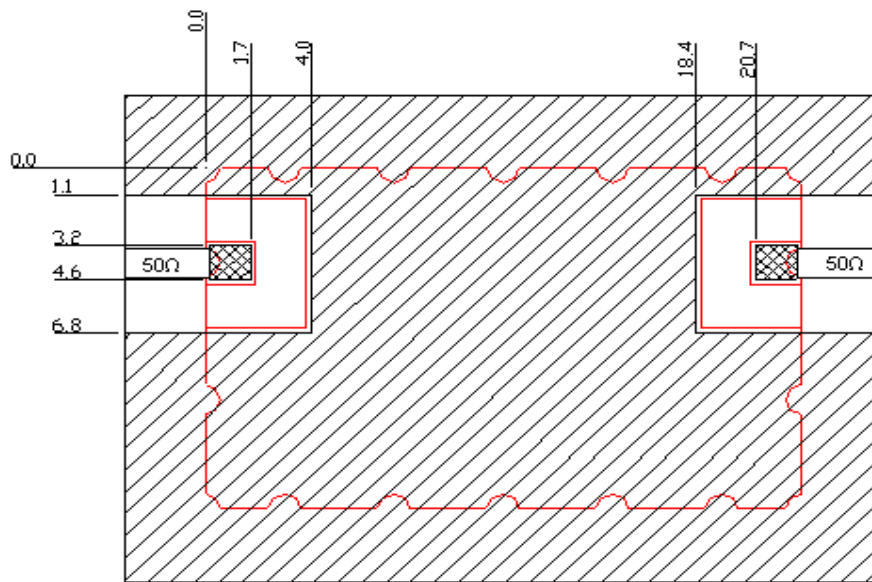
3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	790
2	1dB Bandwidth	MHz	$F_c \pm 75$ (715~865 MHz)
3	Insertion Loss in BW	dB	3.0 max.
4	Ripple in BW	dB	1.5 max.
5	Return Loss in BW	dB	9.0 min.
6	Attenuation	dB	50 min. @ DC ~ 435 MHz 50 min. @ 1075~1690 MHz TBD @ 1690~5000 MHz
7	Group Delay Variation in BW	ns	16 max.
8	Input Power	W	1 max. (+30 dBm)
9	IN/OUT Impedance	Ω	50
10	Operating Temperature	$^{\circ}\text{C}$	-30 ~ +70

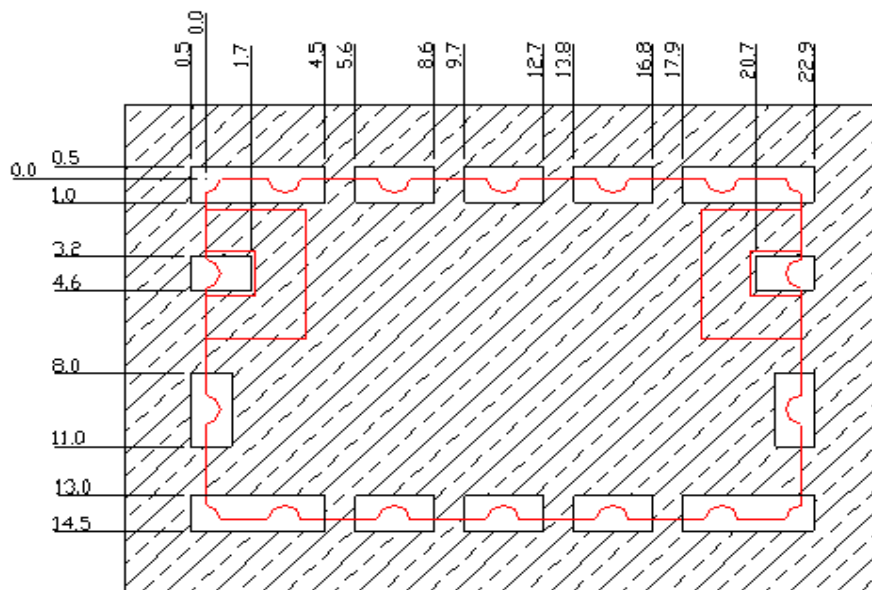
4. DIMENSIONS:



5. Recommended Land Pattern (Footprint)



- BPF Filter
- ▨ Electrode (I/O Port)
- ▨ Electrode (Ground)



- BPF Filter
- ▨ Solder Resist