

# SPECIFICATION

## COMMERCIALY AVAILABLE

CERAMIC BAND PASS  
PART NUMBER: CF-07500803

RoHS

9/29/17 Change format.

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
3/23/04 **				
8/7/12 DS	09/07/2012 TFG		09/07/2012 GL	
9/29/17 <sup>(kn)</sup>				

**FILTRONETICS Inc**

## 1. APPLICATION

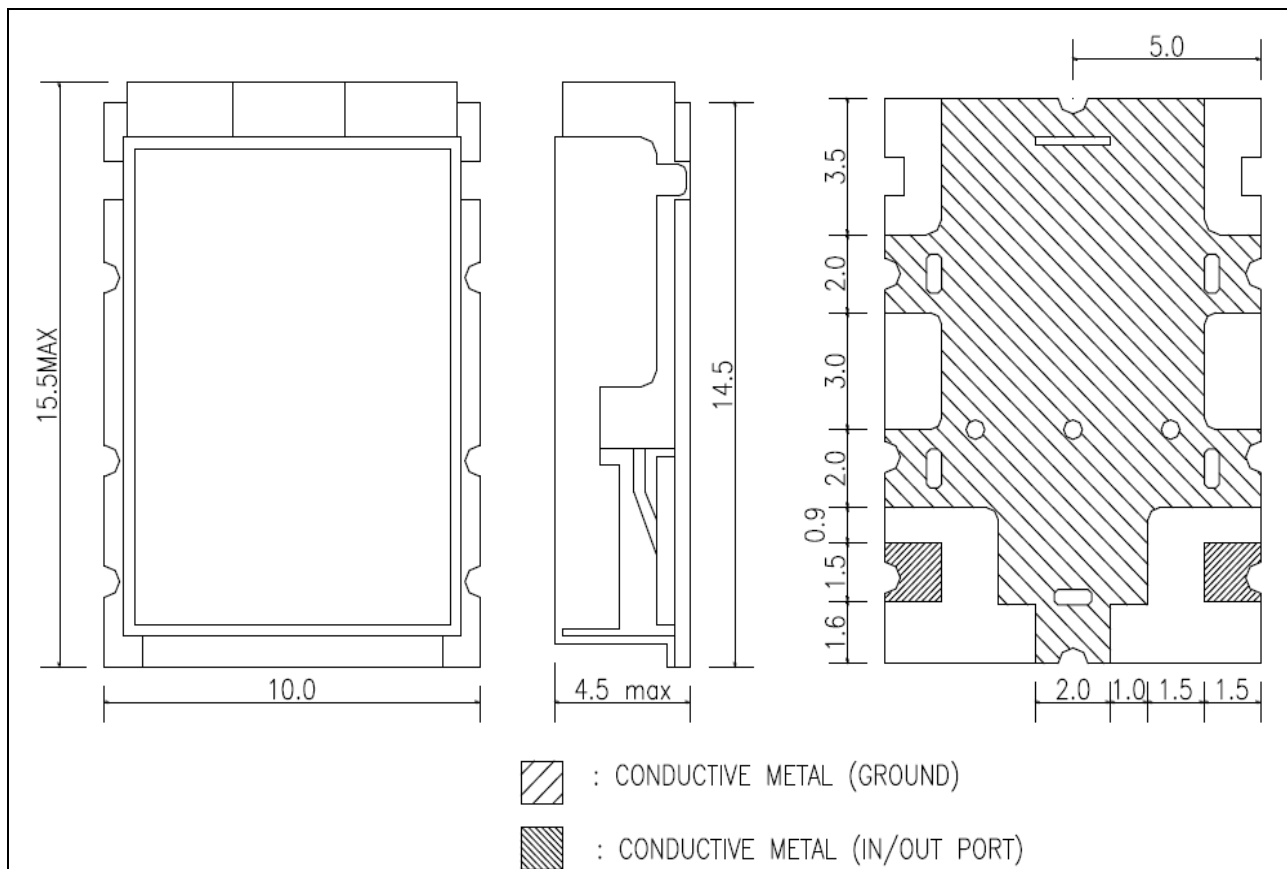
THIS SPECIFICATION APPLIES TO BAND PASS FILTER, USING DIELECTRIC RESONATORS.

## 2. PART NUMBER: CF-07500803

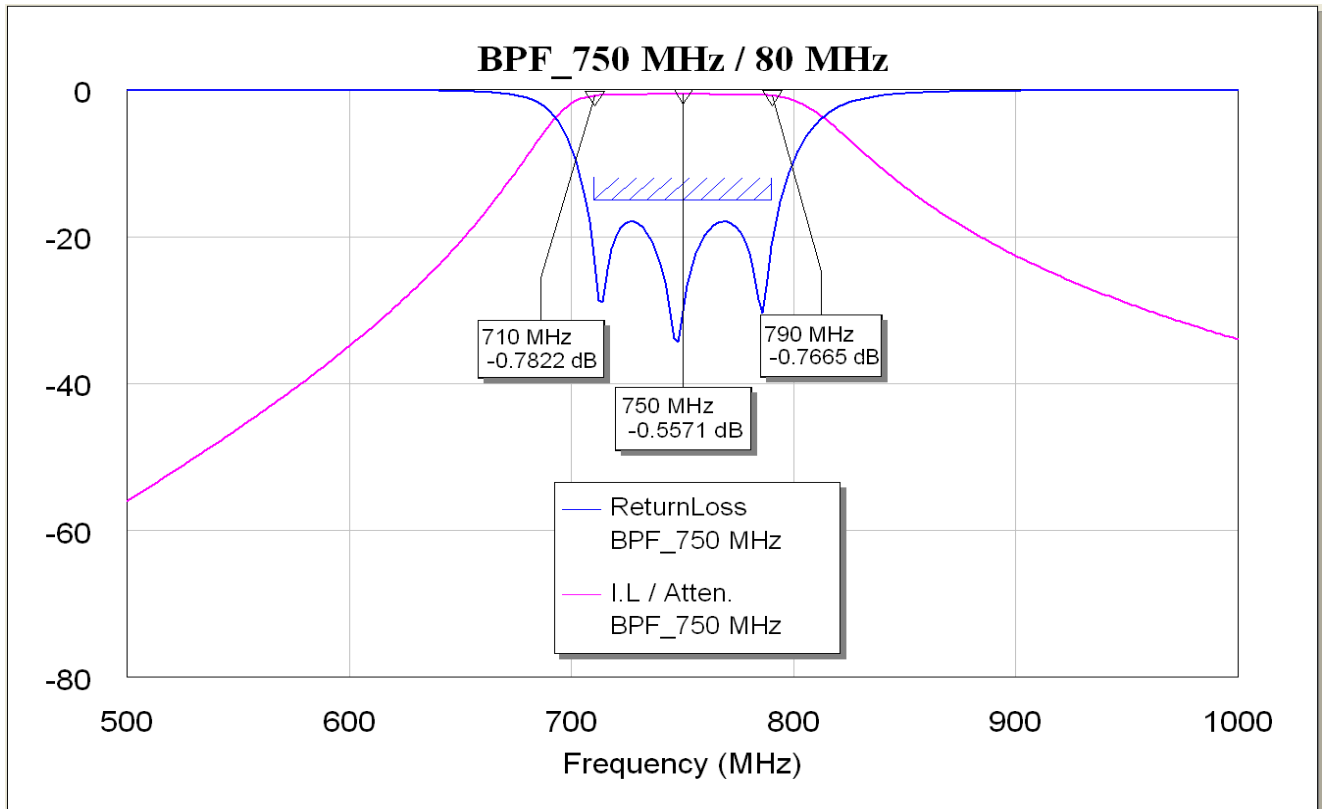
## 3. SPECIFICATIONS

No.	Parameter	Unit	Specification
1	Center Frequency (Fc)	MHz	750
2	Pass-Band Bandwidth(BW)	MHz	Fc +/- 40
3	Insertion Loss in BW	MHz	1.5 max.
4	Ripple in BW	dB	0.5 max
5	Return Loss in BW	dB	14.0 min.
6	15dB Bandwidth	MHz	200 max.
7	IN/OUT Impedance	$\Omega$	50
8	Input Power	Watt	1 max. (+30dBm)
9	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +80

## 4. DIMENSIONS



5. SIMULATION GRAPH:



15dB Bandwidth

