

SPECIFICATION

COMMERCIALY AVAILABLE

CERAMIC BAND PASS FILTER
PART NUMBER: CF-08503005
RoHS

10/23/15 Added Group Delay

1/14/16 Changed Format

8/17/16 added plots

ISSUED	CHECKED	CHECKED	CHECKED
4/19/04 **	7/27/2010 SRJ	7/29/2010 BF	
10/23/15 ^(kn)			
1/14/16 ^(kn)			
8/17/16 ^(kn)			

FILTRONETICS Inc

1. APPLICATION

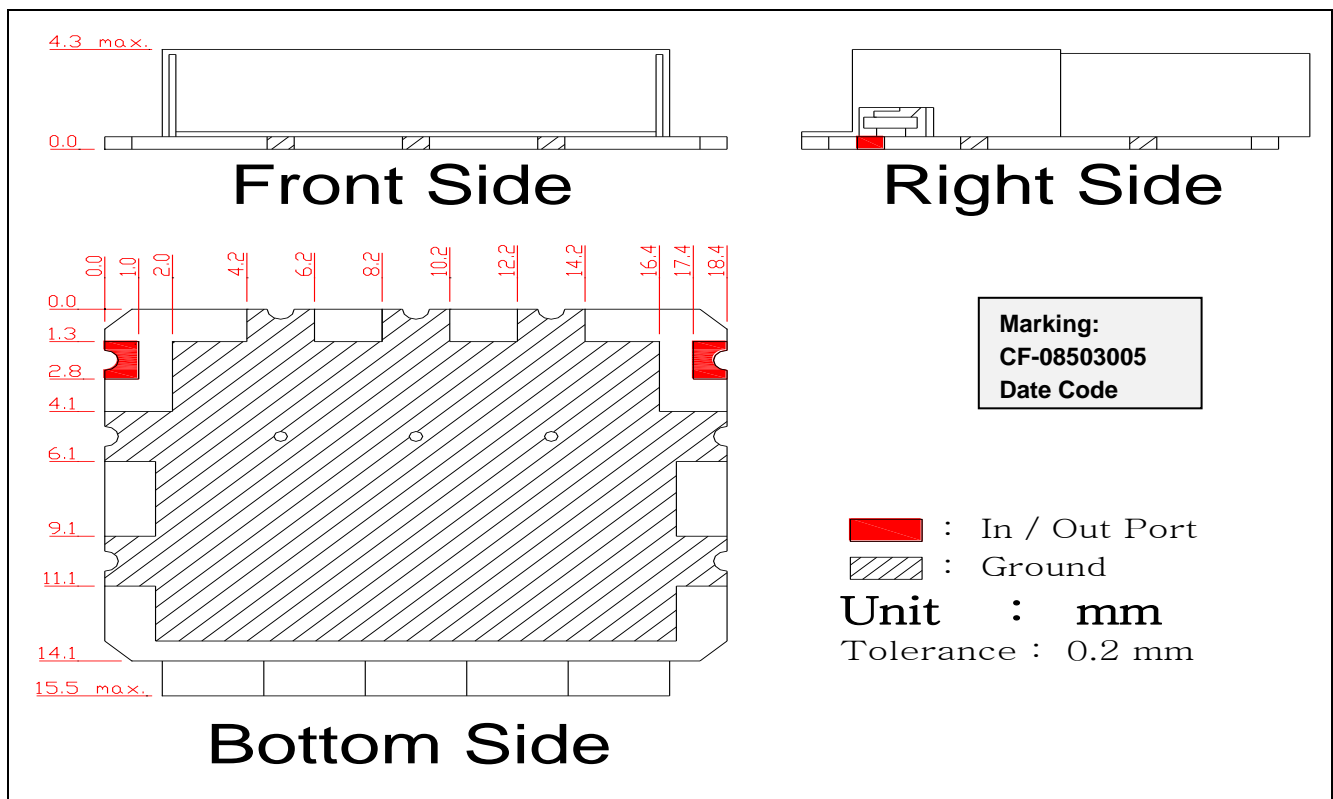
THIS SPECIFICATION APPLIES TO BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-08503005

3. SPECIFICATIONS

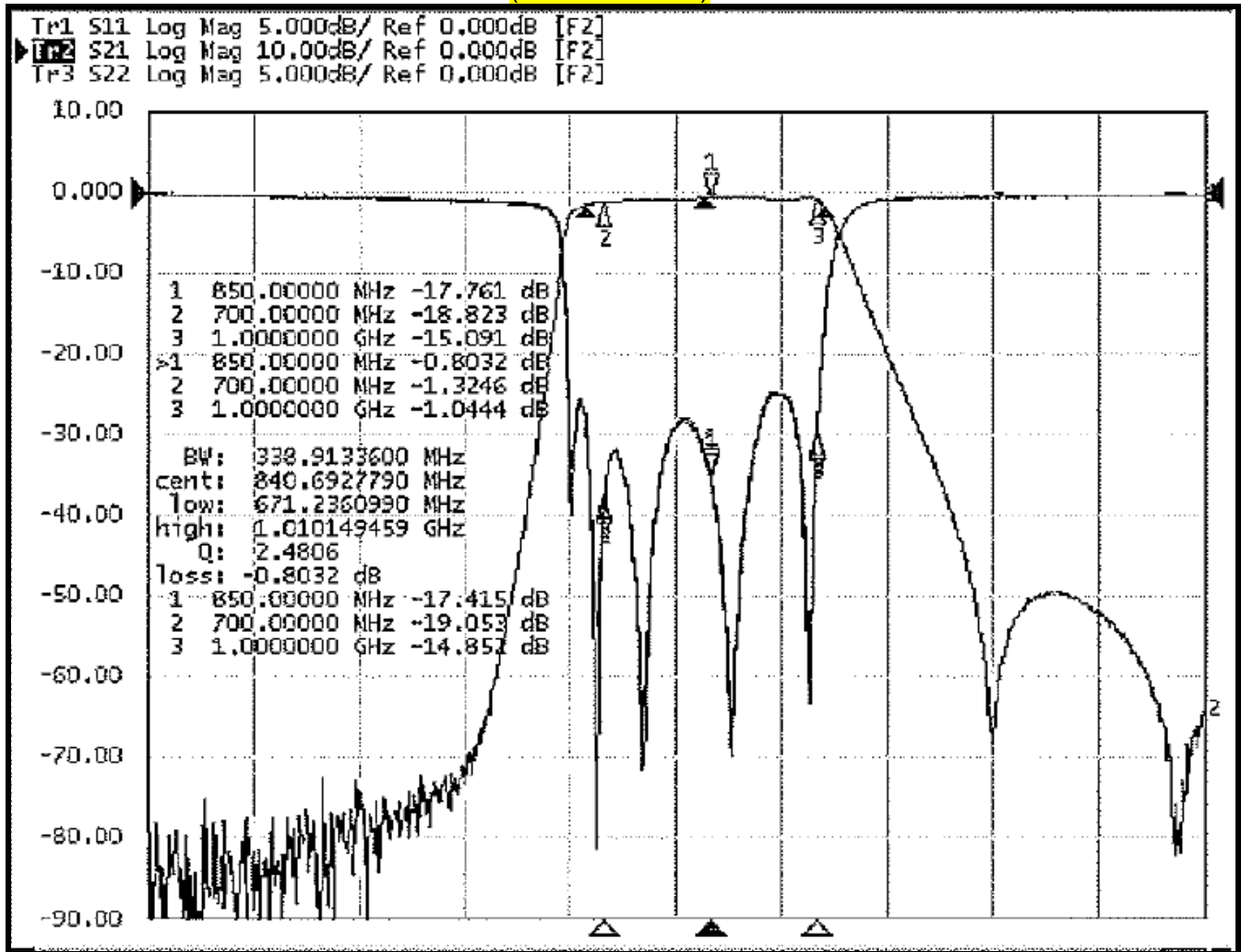
No.	Parameter	Unit	Specification
1	Center Frequency	MHz	850
2	Pass Bandwidth	MHz	$F_o \pm 150$ (700~1000 MHz)
3	Insertion Loss @ Fc	dB	1.5 max.
4	20 dB Bandwidth	MHz	580 max.
5	40 dB Bandwidth	MHz	700 max.
6	VSWR in BW	-	2 : 1 max.
8	IN/OUT Impedance	Ω	50
9	Input Power	W	1 max. (30 dBm max.)
10	Operating Temperature	$^{\circ}\text{C}$	-35 ~ 85

4. DIMENSIONS

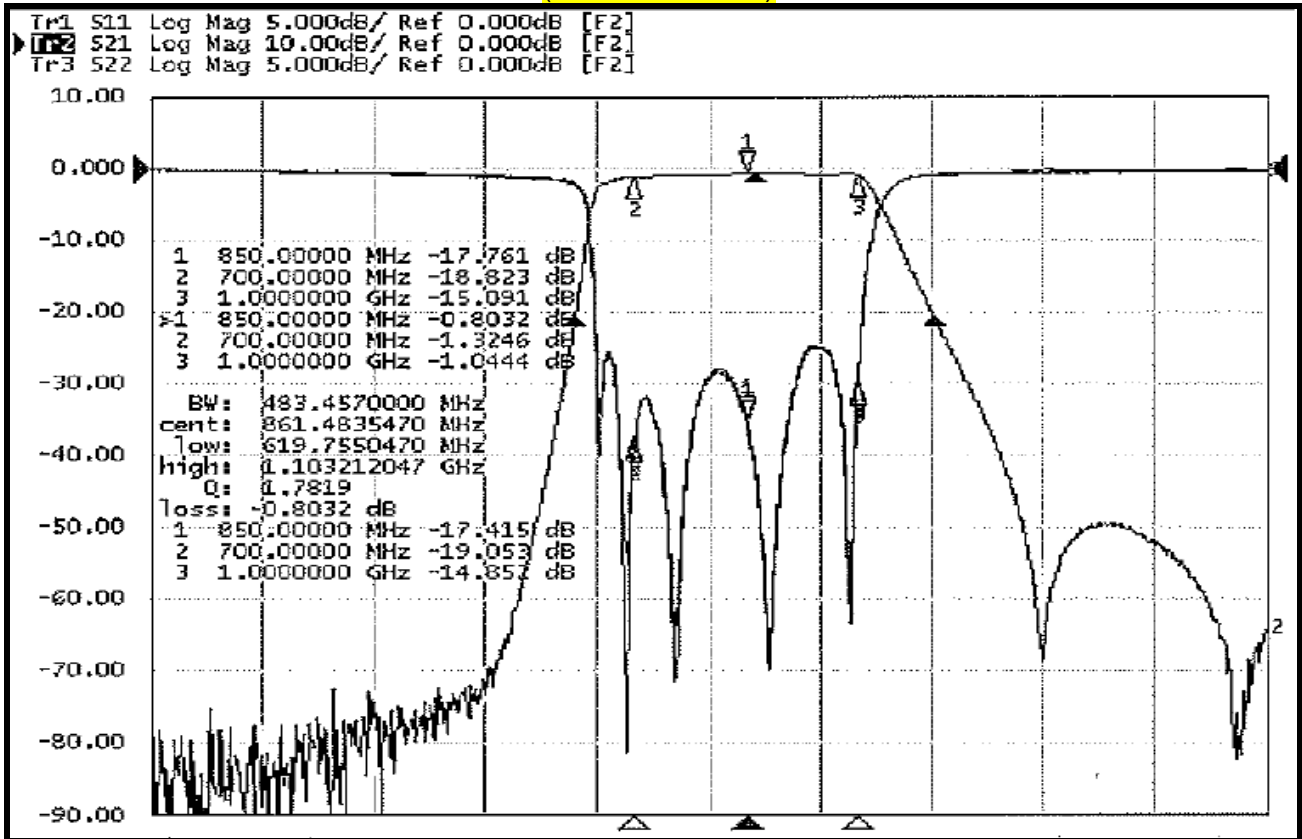


5. Simulation Graphs:

(1dB Bandwidth)



(20dB Bandwidth)



(40dB Bandwidth)

