

# SPECIFICATION

## COMMERCIALY AVAILABLE

**CERAMIC BAND PASS**  
**PART NUMBER CF-08700425**  
**RoHS**

1/14/16 Changed Format

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
5/21/07 **	6/17/2011 SRJ	6/20/2011 BF	6/23/2011 GL
1/14/16 <sup>(kn)</sup>			

**FILTRONETICS Inc**

## 1. APPLICATION

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

## 2. PART NUMBER: CF-08700425

## 3. SPECIFICATIONS

No.	Parameter	Unit	Specification
1	Center Frequency (Fc)	MHz	870
2	Pass Bandwidth in BW	MHz	Fo ± 21 (849~891 MHz)
3	Insertion Loss @ Fc	dB	3.0 max.
4	Ripple in BW	dB	0.6 max.
5	Group Delay Variation in BW	ns	15.0 max.
6	Return Loss in BW	dB	12.0 min.
7	Attenuation	dB	46 min. @ 800 MHz
			41 min. @ 940 MHz
			45 min. @ 970~2210 MHz
8	IN/OUT Impedance	Ω	50
9	Input Power	W	1 max. (30 dBm max.)
10	Operating Temperature	°C	-30 ~ 80

## 4. DIMENSIONS

