

# SPECIFICATION

COMMERCIALY AVAILABLE

CERAMIC MONOBLOCK  
 PART NUMBER: CFM-08260718

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
9/20/12 kn	10/02/2012 TFG		10/02/2012 GL	

**FILTRONETICS Inc**

1. APPLICATION

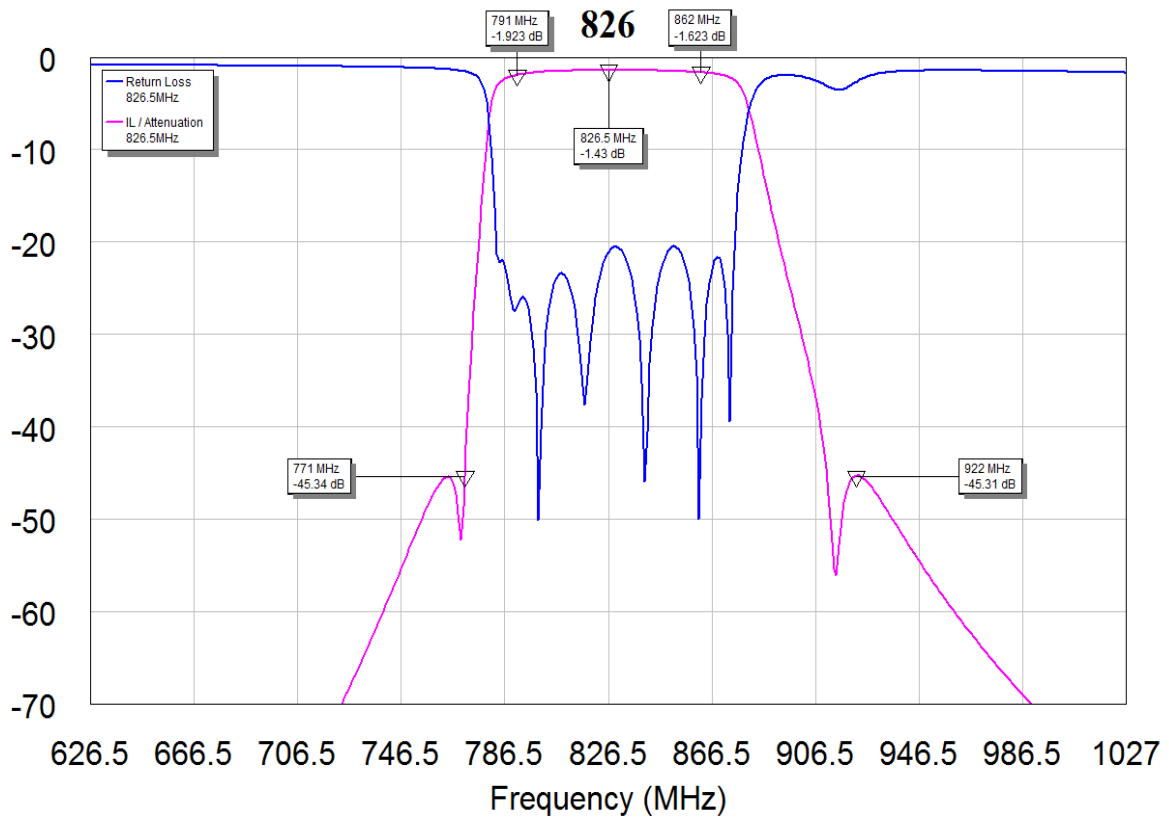
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CFM-08260718

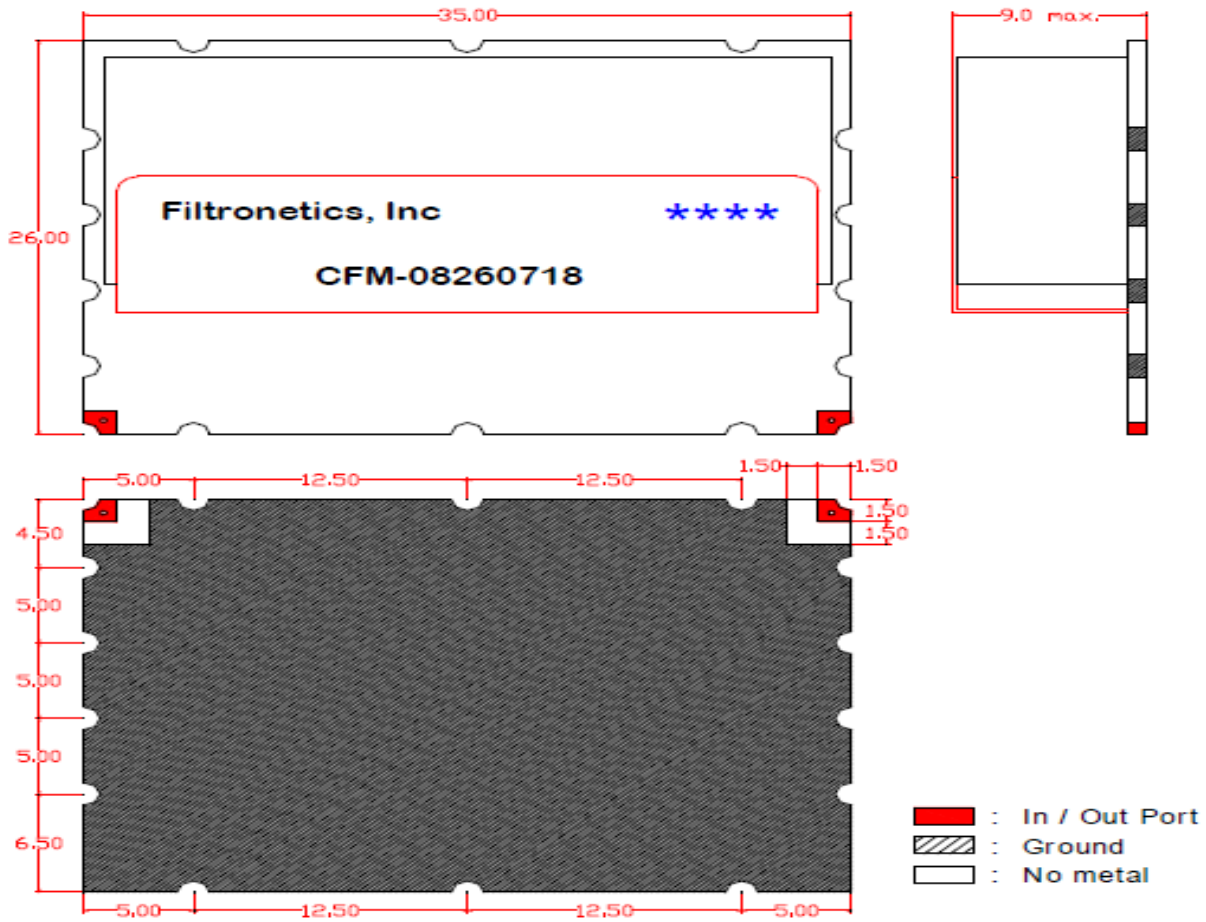
3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	826.5
2	Bandwidth	MHz	Fc ± 35.5 (791 ~ 862MHz)
3	Insertion Loss in BW	dB	2.5 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	14.0 min.
6	Attenuation	dB	40 min. @ 10 ~ 771MHz
			40 min. @ 922 ~ 2800MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	°C	-40 ~ +85

4. SIMULATION:



5. DIMENSIONS:



Notes :

1. Surface mount package
2. Dimensions in millimeters
3. Max reflow temperature 230°C for 10 sec
4. If boards are cleaned after installation units must be completely dried
5. Tolerance unless specified :  $\pm 0.3$
6. \*\*\*\* -> Date code (YYWW)