

SPECIFICATION
COMMERCIALY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-08720158A

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
2/10/14 ^(kn)	02/12/2014 TFG		02/12/2014 GL	

FILTRONETICS Inc

1. APPLICATION

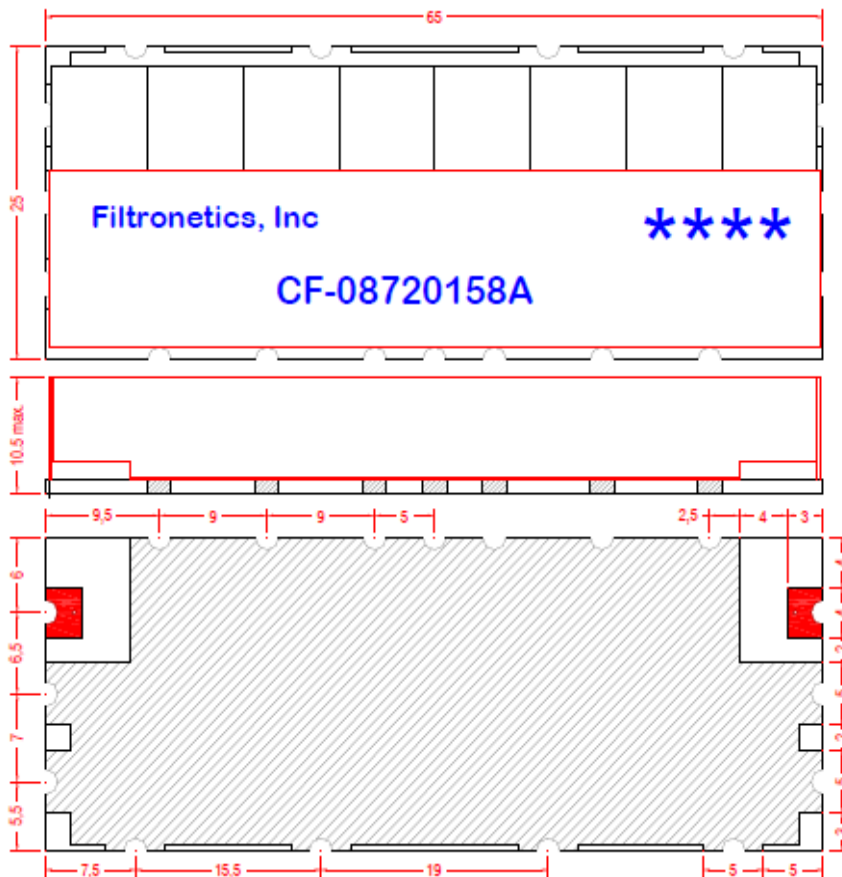
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-08720158A

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	872.5
2	Bandwidth	MHz	$F_c \pm 2.5$ (870 ~ 875MHz)
	3dB Bandwidth		15 min.(865 ~ 880MHz)
3	Insertion Loss at Fc	dB	4.5 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss	dB	13.0 min. @ 865 ~ 880MHz
6	Attenuation	dBc	30 min. @ 855MHz
			30 min. @ 887MHz
			30 min. @ 890MHz
			30 min. @ 892 ~ 2000MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-35 ~ +85

4. DIMENSIONS:



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

