

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS FILTER
PART NUMBER: CF-15900485M
RoHS

1/19/16 Changed Format

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED
3/19/2004**				
1/19/16 ^(kn)				

FILTRONETICS Inc.

1. APPLICATION

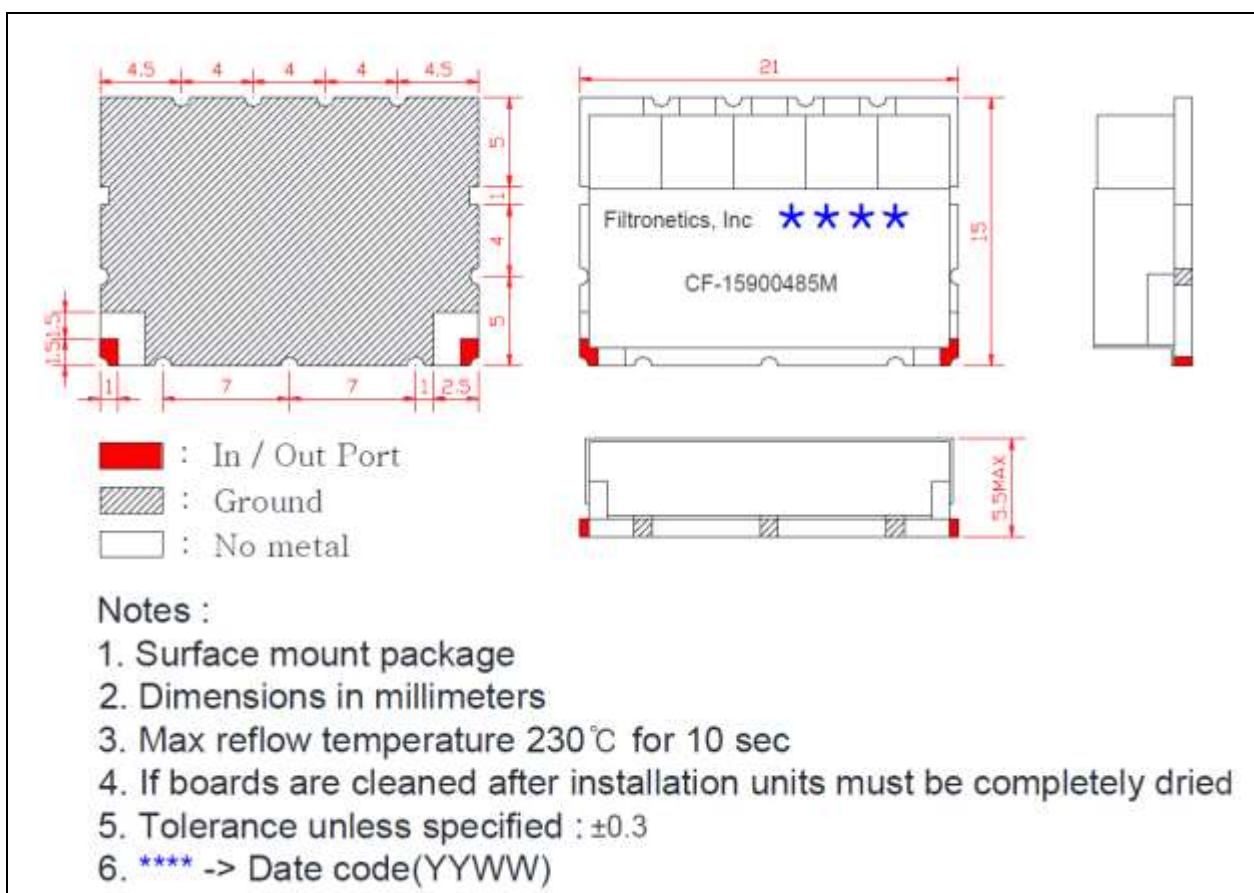
THIS SPECIFICATION APPLIES TO BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-15900485M

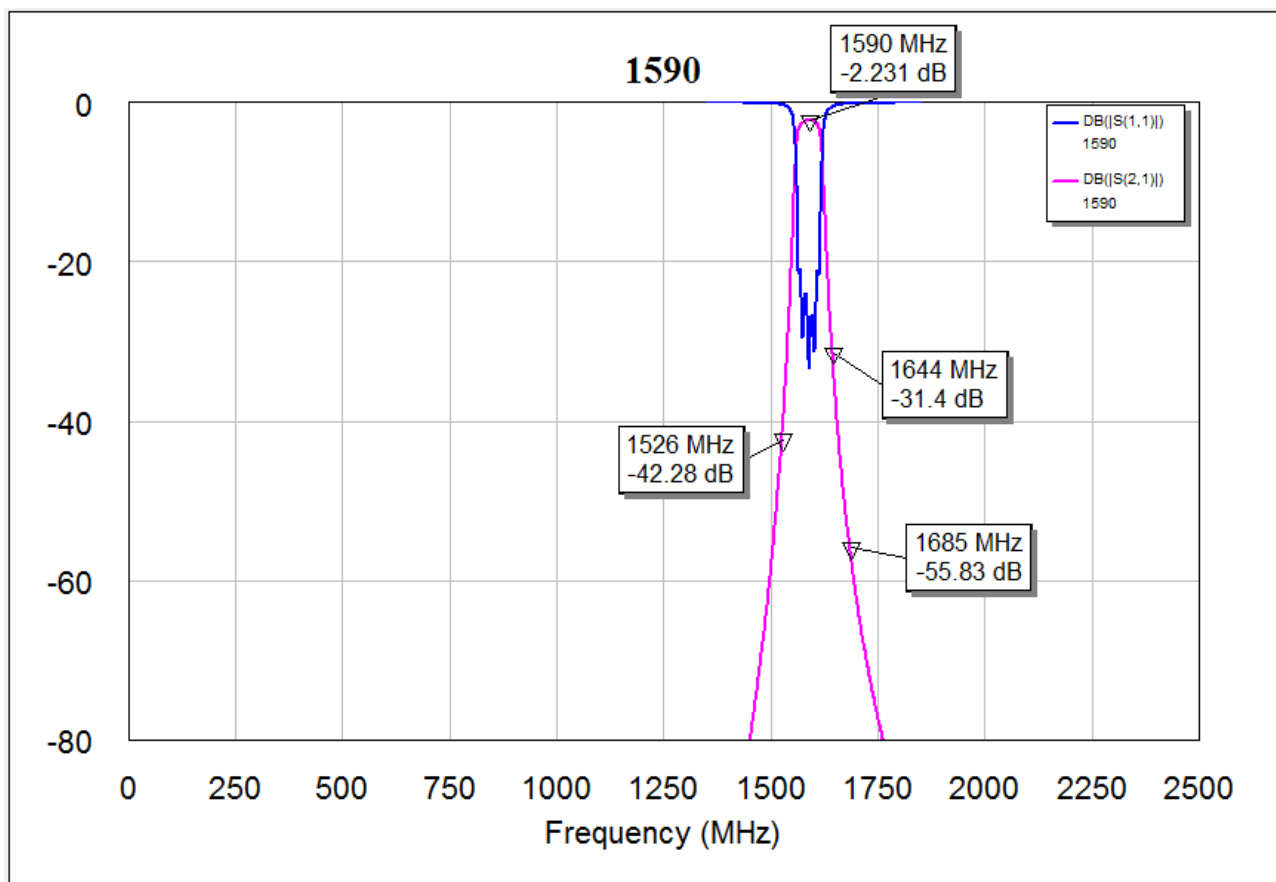
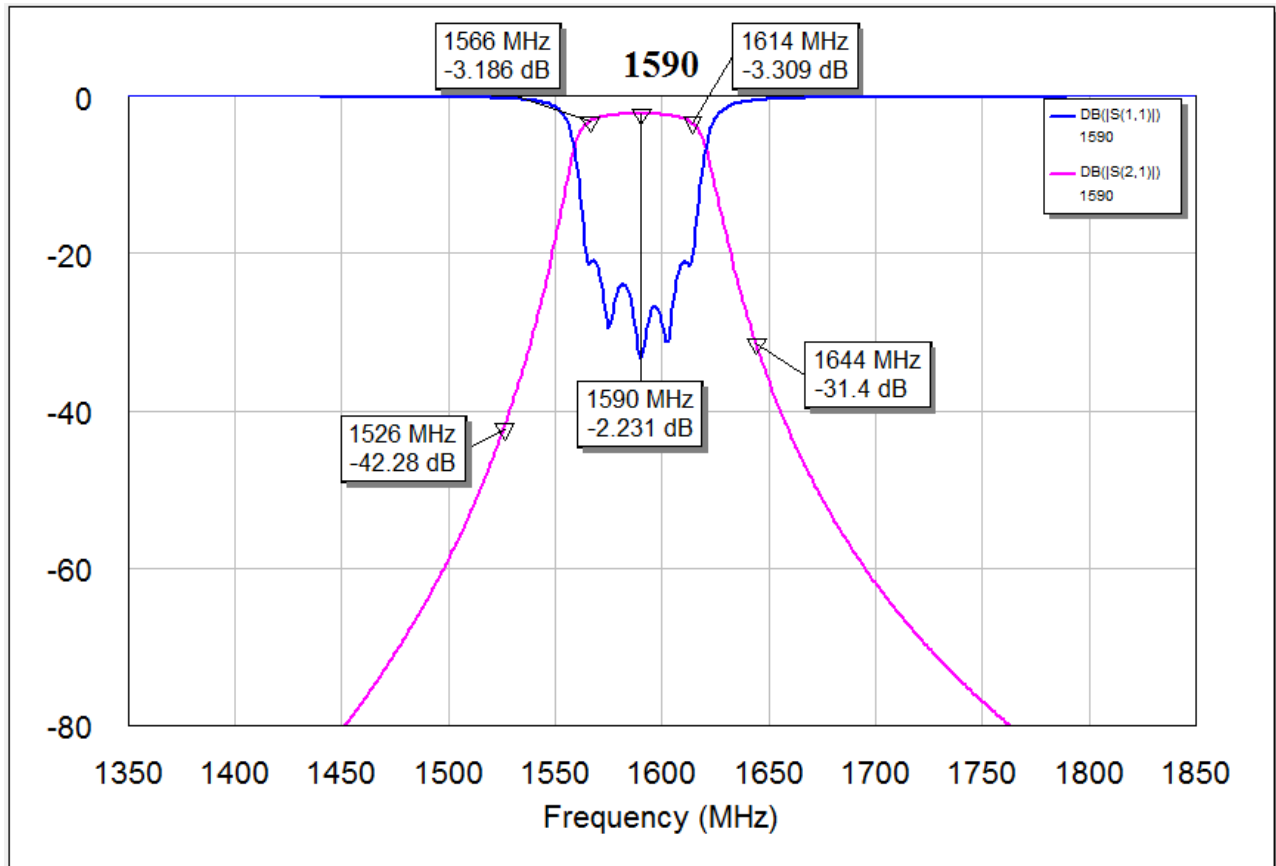
3. SPECIFICATIONS

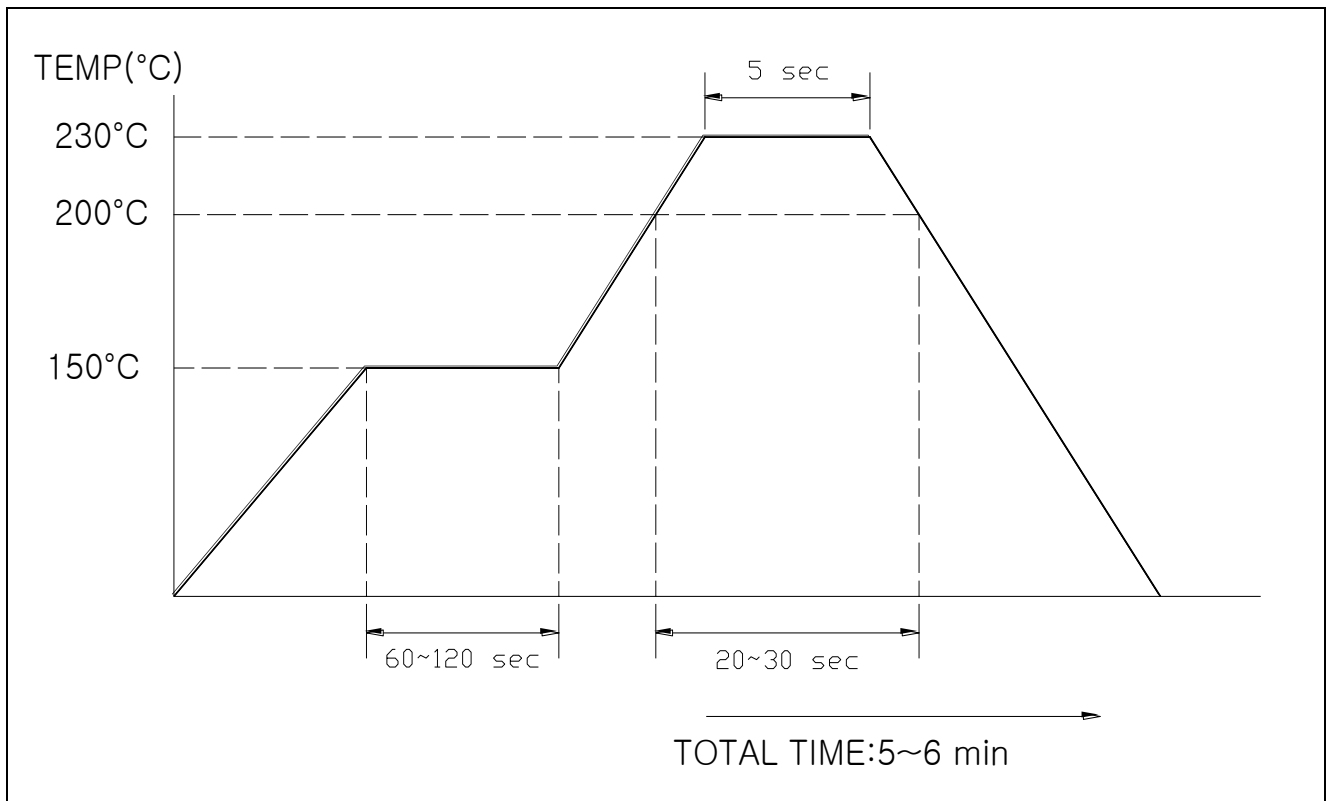
No.	Parameter	Unit	Specification
1	Center Frequency	MHz	1590
2	Bandwidth	MHz	$F_c \pm 24$ (1566 ~ 1614MHz)
3	Insertion Loss in BW	dB	3.5 max.
4	Ripple in BW	dB	1.5 max.
5	Return Loss in BW	dB	15 min.
6	Attenuation	dB	35 min. @ DC~1526 MHz
			25 min. @ 1644~1685 MHz
			35 min. @ 1685~2000 MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85
10	RoHS Compliant	-	YES

4. DIMENSIONS:



5. SIMULATION GRAPHS:



Soldering Profile:

-Pb free Solder