

SPECIFICATION

COMMERCIALY AVAILABLE

**CERAMIC BANDPASS FILTER
WITH LOW PASS ROOFING FILTERS
PART NUMBER:CF-70005004**

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
07/30/2024 ^(ASM)				

FILTRONETICS Inc

1. APPLICATION

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

2. PART NUMBER: CF-70005004

3. SPECIFICATIONS:

ITEM		SPEC	UNIT
1	Center Frequency [fo]	7000.0	MHz
2	Bandwidth [BW]	fo ± 250 [6750~7250]	MHz
3	Insertion Loss in BW	3.5 max.	dB
4	Ripple in BW	0.5 max.	dB
5	Return Loss in BW	15 min	dB
6	Attenuation [Absolute Value]	35dB min @ 5800 MHz 60dB min @ 250~3000 MHz 35dB min @ 8200 MHz 40dB min @ 6000 MHz 40dB min @ 8000 MHz 35dB min @ 11000~18000 MHz	
7	In/Out Impedance	50 Ω	
8	Input Power	5W max	
9	Operating Temperature Range	-40°C to +85°C	

4. Dimensions:

