

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CFM-10000506B

RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
10/26/17 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

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

2. PART NUMBER: CFM-10000506B

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	1000
2	Bandwidth	MHz	$F_c \pm 25(975 \sim 1025\text{MHz})$
3	Insertion Loss in BW	dB	1.5 max.
4	Ripple in BW	dB	0.5 max.
5	Return Loss in BW	dB	15.0 min.
6	Attenuation	dB	40 min. @ 50 ~ 870MHz
			40 min. @ 1125 ~ 1525MHz
			30 min. @ 1950 ~ 2050MHz
7	Input Power	Watt	3 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-30 ~ +75

4. DIMENSIONS:

