

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC MONOBLOCK
PART NUMBER: CFM-14000506

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
02/23/2024	02/23/2024 ^(TG)			

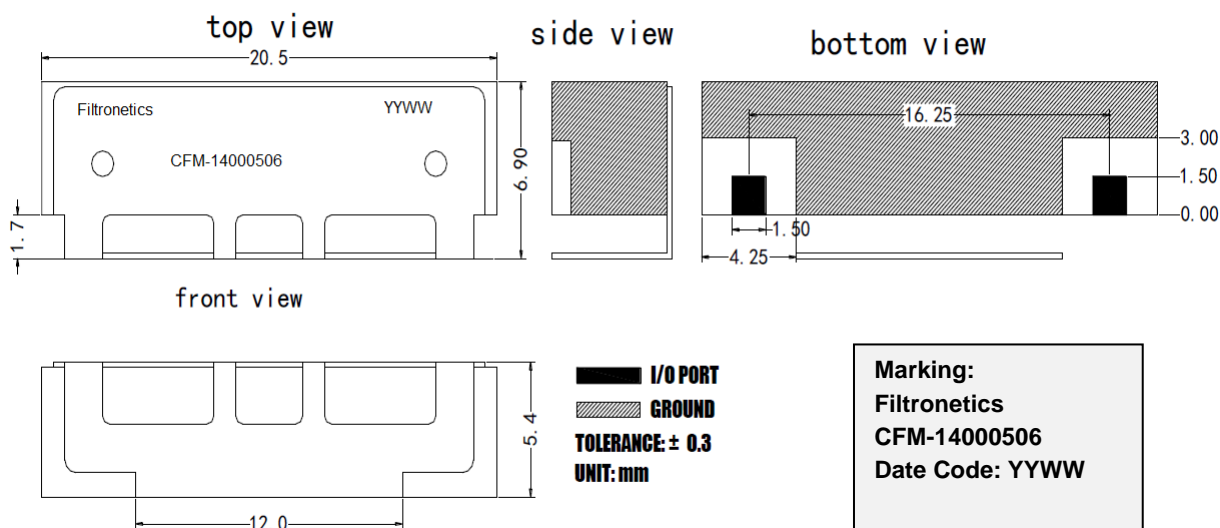
FILTRONETICS Inc

1. PART NUMBER: CFM-14000506

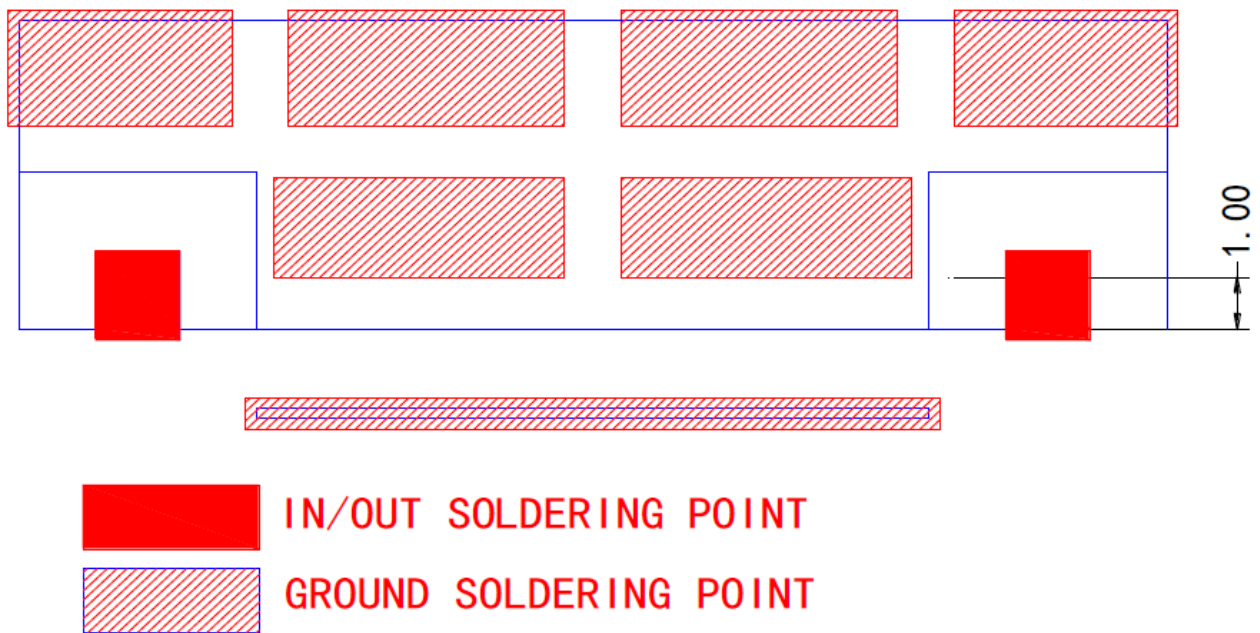
2. SPECIFICATIONS:

ITEM		SPEC	Unit
1	Center Frequency [fo]	1400	MHz
2	Bandwidth [BW]	fo ± 25 [1375~1425]	MHz
3	Insertion Loss in BW	4.0 max. (at regular temp)	dB
4	Ripple in BW	1.0 max. (at regular temp)	dB
5	Return Loss in BW	14 min. (at regular temp)	dB
6	In/Out Impedance	50 Ω	
7	Attenuation [Absolute Value]	45dB min. @ 1500~1800 MHz (at regular temp)	
		35dB min. @ 1100~1300 MHz (at regular temp)	
8	Operating Temperature Range	-40°C to +85°C	

3. DIMENSIONS:



Recommended PC Board Pattern



4. Response Plots: To be added after production.