

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC MONOBLOCK
PART NUMBER: CFM-30801008
RoHS

8/30/12 added land & resist pattern

6/2/16 Changed Reflow Profile

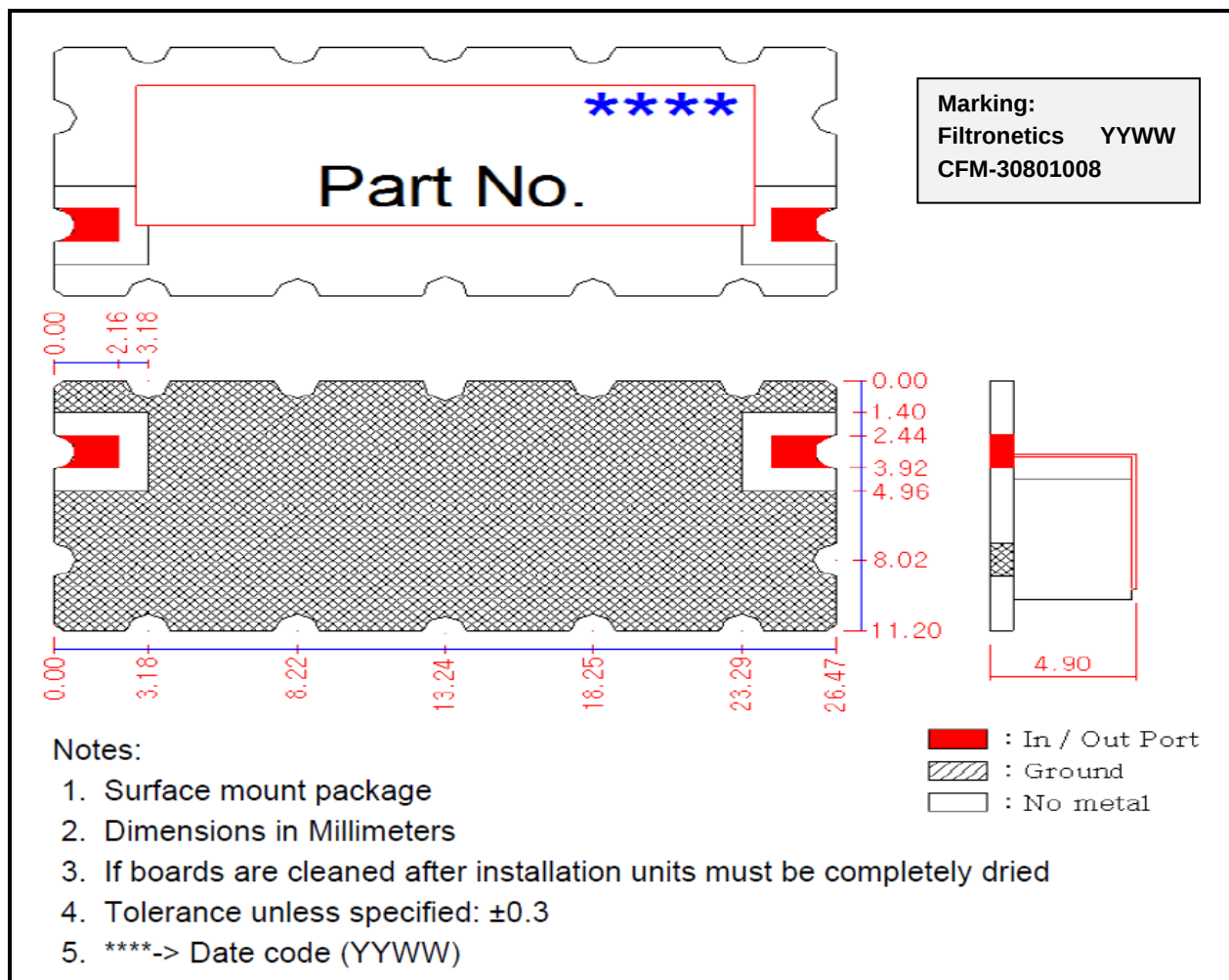
11/09/22 – Updated PC Board pattern

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
5/10/12 DS	06/01/2012 TFG		06/01/2012 GL	
8/30/12 kn	10/08/2013 TFG		10/08/2013 GL	
6/2/16 ^(kn)				
11/09/2022 ^(asm)				

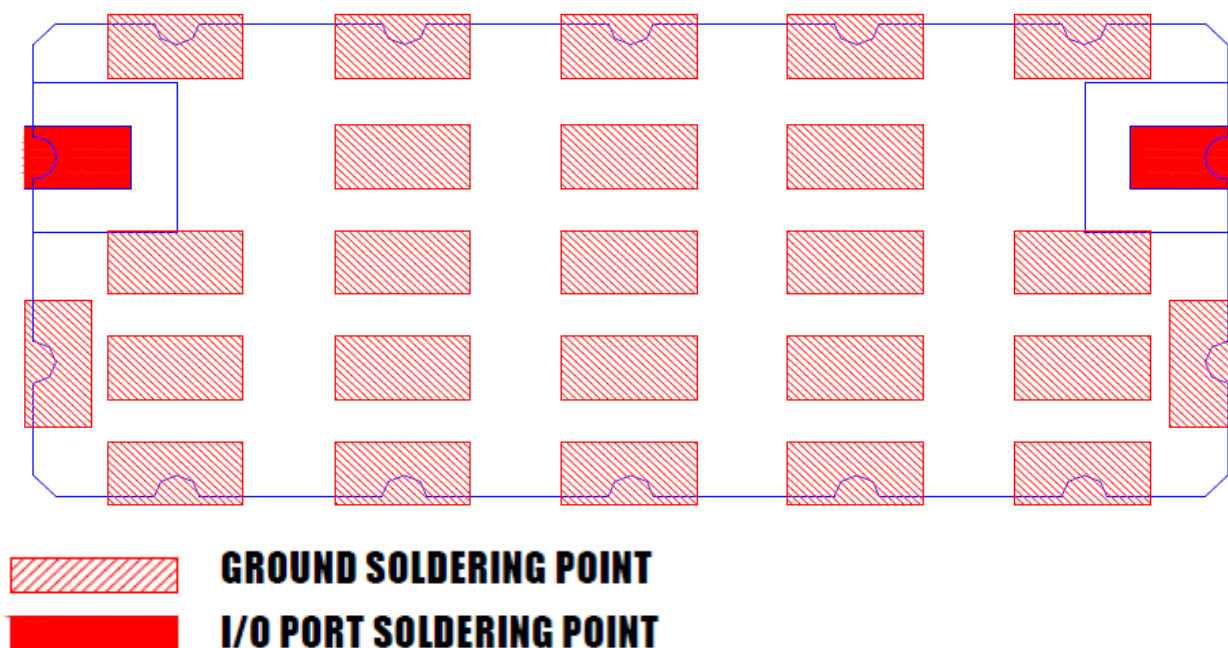
FILTRONETICS Inc

1. PART NUMBER: CFM-30801008**2. SPECIFICATIONS:**

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	3080
2	1dB Bandwidth	MHz	100 min.
	50dB Bandwidth	MHz	250 max.
3	Insertion Loss in BW	dB	3.0 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	14.0 min.
6	Input Power	Watt	1 max.
7	IN/OUT Impedance	Ω	50
8	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85
9	RoHS Compliance	-	Yes
10	Pole	-	8

3. DIMENSIONS:

Recommended PC Board Pattern



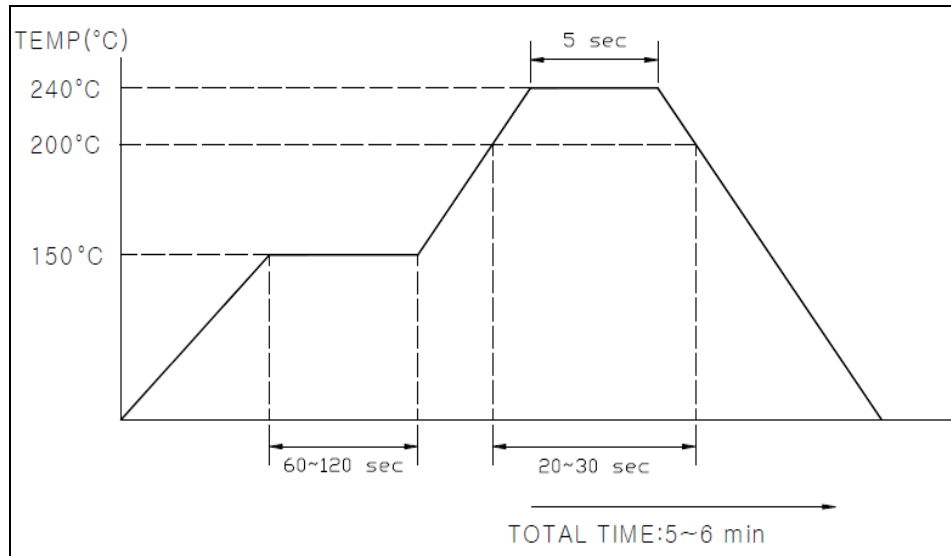
4. HUMIDITY RESISTANCE

The device is subjected to 85% relative humidity at $40 \pm 2^\circ\text{C}$ for 96 hours ± 2 hours. Then dry out at $25 \pm 5^\circ\text{C}$ and less than 65% relative humidity for 2 hours ± 2 hours. After drying out the device shall satisfy the specifications in No. 2.

5. TEST CONDITION

Typical Condition		Standard Condition	
Temperature	Humidity	Temperature	Humidity
20°C	65%RH	-40 to 85°C	45 to 85%RH

6. REFLOW SOLDERING PROFILE



-Pb free solder

SN: 96.5%

AG: 3.5%

CU: 0.5%