



NAPH Series 5.0 x 3.2

   	Application :
	- XDSL / SONET / SDH - Wideband WLAN AP 1G /10G Ethernet - Fiber Channel
	Features :
	- Low phase jitter (12KHz to 20MHz) under 1 ps (RMS) - Low profile package design (1.9mm height max.) - Tri-state function available - Differential output



Electrical Specification :

Model		NAPH-53
1. Frequency		
Frequency Range	MHz	25.0 ~ 200.0
Frequency Stability	PPM	A: ±100 B: ±50 C: ±30 D: ±25
2. Temperature Range		
Operating Temp Range	°C	-10 ~ +70, -40 ~ +85 or specify
Storage Temp Range	°C	-55 ~ +125
Output Voltage High (V _{OH})	V (Min.)	1.025 VDD
Output Voltage Low (V _{OL})	V (Max.)	1.625 VDD
Output Load	Ω	50
Output Symmetry	%	45% ~ 55%
3. Input Voltage		
Enable High Input Voltage	V (Min.)	0.7 VDD
Enable Low Input Voltage	V (Max.)	0.3 VDD
Current	mA (Max.)	80
Rise / Fall Time (20% / 80%)	nS (Max.)	1.0
Aging	PPM / Year	±3
Start Up Time	mS (Max.)	10

* Above specification subject to change without prior notice, please consult our sales representative for more information*

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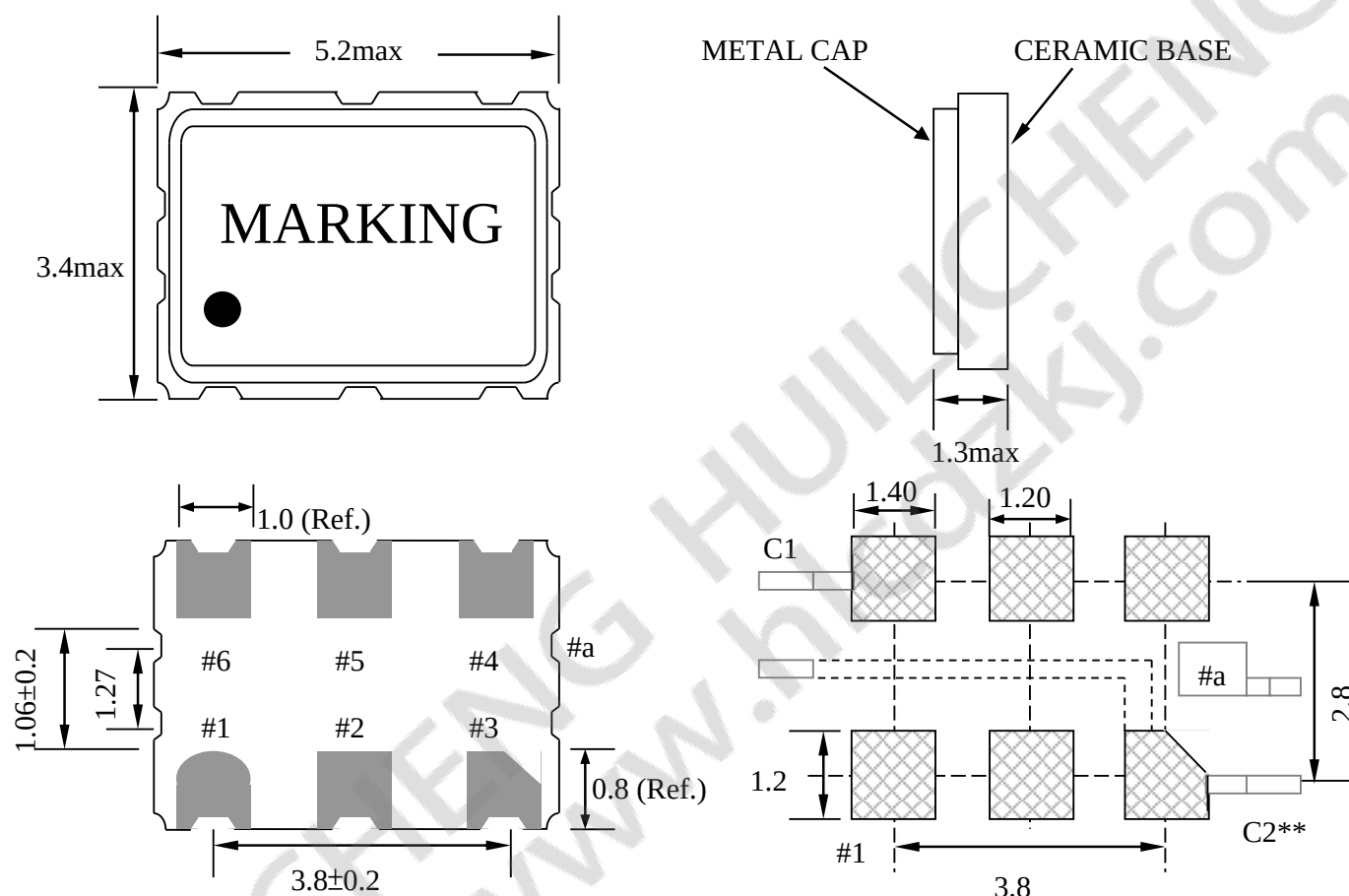
E-mail: hlc-zzw@hlcdzjkj.com

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Dimensions (mm) :



# NO.: Pin define		
#6: V _{cc}	#5: QN	#4: Q
#1: E/D	#2: NC	#3: GND

COVER TAPE

0.35

7.9 ± 0.1

2.0 ± 0.1

8.0 ± 0.1

4.0 ± 0.1

$\phi 1.5 \pm 0.05$

1.75 ± 0.1

7.5 ± 0.1

16.0 ± 0.3

$\phi 1.7 \pm 0.01$

DUT

5.4 ± 0.1

Technical drawing of a fan showing front and side views with dimensions.

Front View:

- Overall diameter: $\phi 180.0$
- Hub diameter: $\phi 2.0$
- Number of blades: 5
- Blade angle: 120°
- Label position: Centered above the hub.

Side View:

- Overall thickness: 16.0 ± 0.2
- Hub thickness: 1.6
- Blade height: $\phi 13.0$
- Base diameter: $\phi 62.0$

Temperature (°C)

Time (seconds)

Total Time :200sec (Max.)

0°C

150±5°C

180°C

217°C

255±5°C

Pre-Heat

Reflow

Cool

60~120sec.

45~90sec.

10sec Max.

(s)

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