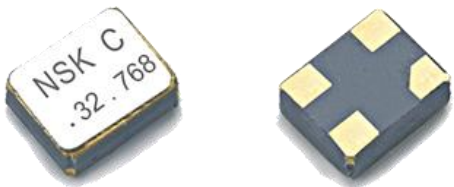


SMD TYPE CERAMIC OSCILLATORS



NAOL Series 2.5 x 2.0

  	Application :
	- Typically used for real time clock application - Mobile Phone / Set-top Box - Notebook PC / Portable PC - Car navigation systems - Wireless LAN
	Features :
	- Meet clock signal for tight tolerance requirement - Tight symmetry (45 to 55%) available - Low Power Consumption - Tri-state enable / disable - Excellent solderability



Electrical Specification :

Model		NAOL-22		
Frequency Range	KHz	32.768		
Oscillation Mode		Fundamental		
Output Type		CMOS		
Output Load	pF	15		
Frequency Stability	PPM	A: ±100 B: ±50 C: ±30 D: ±25		
Operating Temp Range	°C	-20 ~ +70 or specify		
Storage Temp Range	°C	-55 ~ +125		
Power Supply Voltage	VDC	3.3V±10%	2.5V±5%	1.8V±5%
Voltage Vol / Voh	%	10% VDD (Max) / 90% VDD (Min)		
Output Symmetry		40% ~ 60% or 45% ~ 55% (at 55%VDC)		
Tri-state Voltage Vol / Voh		0.3 VDD / 0.7 VDD		
Start Time	mS	10		
Current Consumption	uA	240 (Max)		
Rise and Fall Time	nS	200 (Max)		

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

SHENZHEN - Shenzhen Huilicheng Electronic Technology Co.,Ltd. HONGKONG - HUILICHENG ELECTRONICS(HK)CO.,LIMITED

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E-mail: hlc-zzw@hlcdzjkj.com

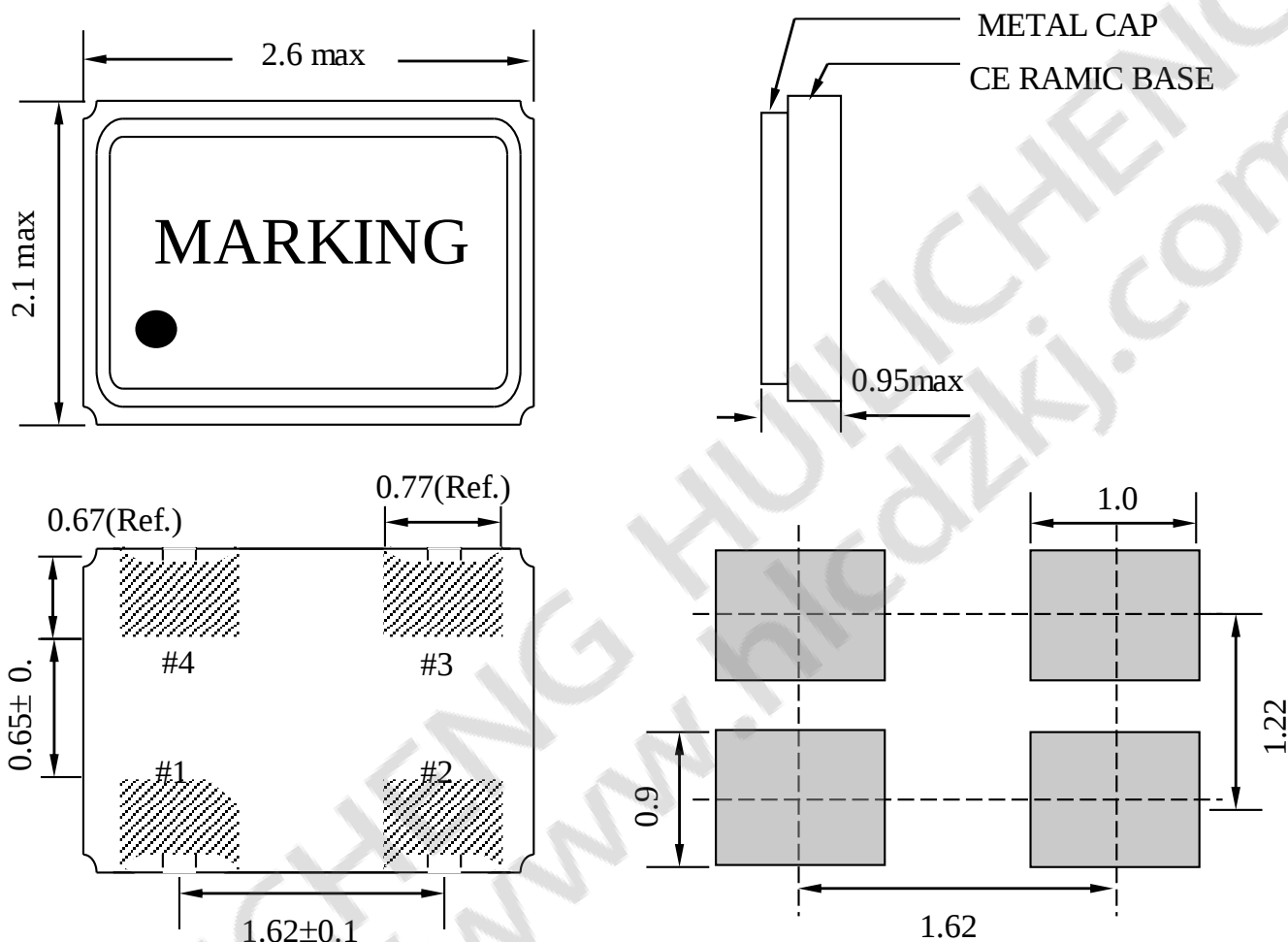
Fax: 0755-83778079

Web: <http://www.hlcdzjkj.com>

SMD TYPE CERAMIC OSCILLATORS



Dimensions (mm) :



#1: ENABLE / DISABLE FUNCTION

INH (PIN 1)	→	OUTPUT (PIN 3)	# NO.: define	
High (OPEN)	→	Operating	#4: VDD	#3: OUTPUT
LOW	→	High impedance	#1: E/D	#2: GND

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