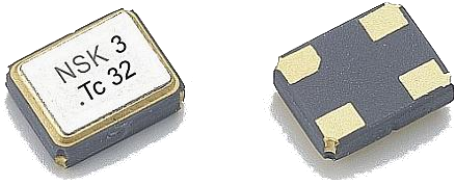




NATL Series 2.5 x 2.0

  	TCXO Application :
	- Communications - Smartphone - WiMAX - GPS
	Features :
	- Excellent environmental capability - Supply voltage: 1.8V ~ 3.3V - RoHS compliant / Pb free - Low power consumption - Seam welding



Electrical Specification :

Model		NATL-22
Frequency Range	MHz	12.0 ~ 60.0
Supply Voltage	V	1.8 ~ 3.3
Frequency Stability	PPM max	±2.0 (After 2 times reflows)
Operating Temperature Range	°C	-30 ~ +85 or specify
Storage Temperature Range	°C	-55 ~ +125
Current	mA max	2.5
Output Load		10KΩ // 10pF
Output Level	Vp-p min	0.8
Start-up Time	mS max	5
Rise and Fall Time	nS max	5
Phase Noise (10kHz offset)	dBc / Hz Typ.	-148
Aging	PPM / year	±1

* 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

Address: 6910b,Seg Plaza,No.1002 North Huaqiang Road,Fuqiang Community,Huaqiang North Street,Shenzhen,Guangdong,China

Tel: +86-0755-83576022

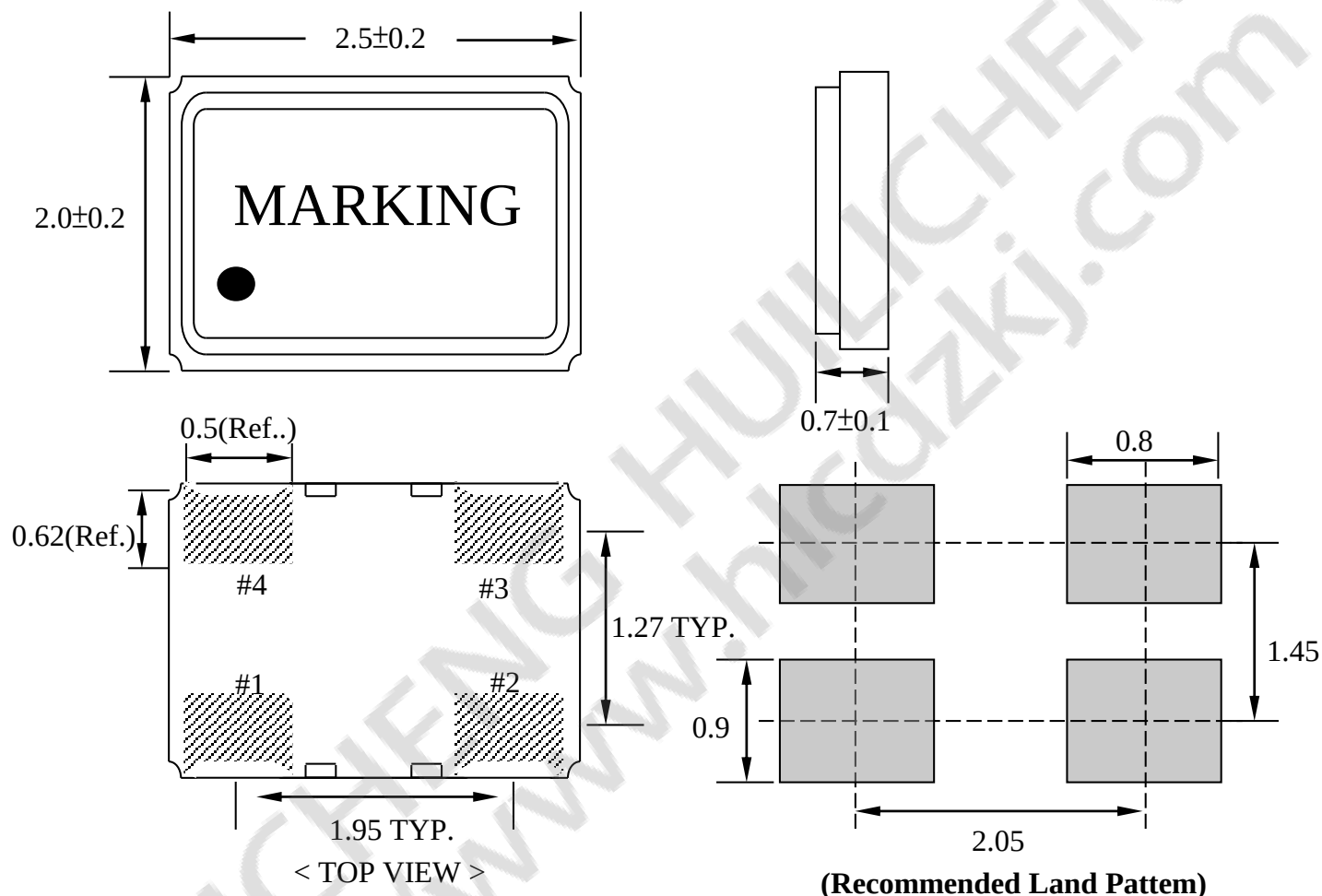
E-mail: hlc-zzw@hlc-dzjkj.com

Fax: 0755-83778079

Web: <http://www.hlc-dzjkj.com>



Dimensions (mm) :



Pin	Connections
#1: Vcon	#2: Gnd
#3: Output	#4: Vdd

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Technical drawing of a fan with a circular base and three blades. The drawing includes dimensions: a central hole diameter of 2.5, a blade width of 1.3, a total diameter of 180 ± 1 , and a mounting hole diameter of 13 ± 0.2 . A label is shown on the base. The angle between blades is 120° .

Reflow Temperature Profile:

Temperature (°C) vs Time (seconds) graph showing the reflow process. The profile includes Pre-Heat, Reflow, and Cool phases. Key temperatures are 150±5°C, 180°C, 217°C, and 255±5°C. Time intervals for Pre-Heat (60~120sec) and Reflow (45~90sec) are indicated. A 10sec Max. dwell time is shown at the peak temperature. Total Time is 200sec (Max.).

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