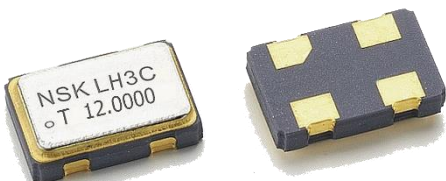




NATH Series 5.0 x 3.2

  	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		NATH-53
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*

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

Tel: +86-0755-83576022

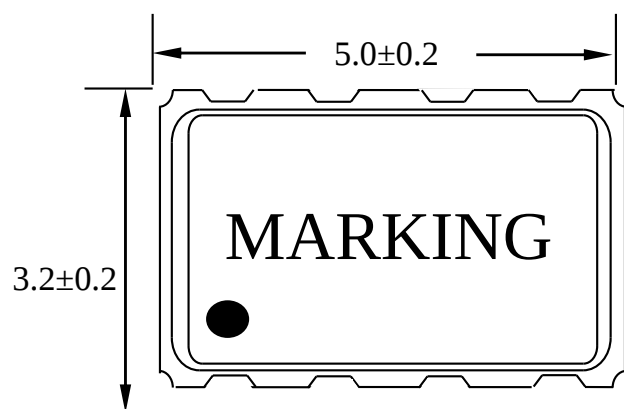
E-mail: hlc-zzw@hlcdzjkj.com

Fax: 0755-83778079

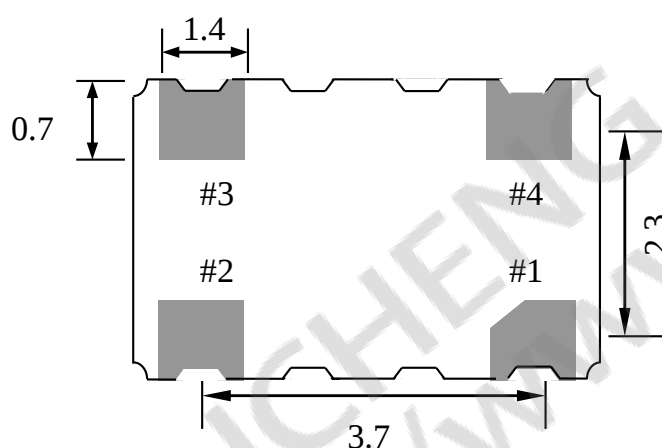
Web: <http://www.hlcdzjkj.com>



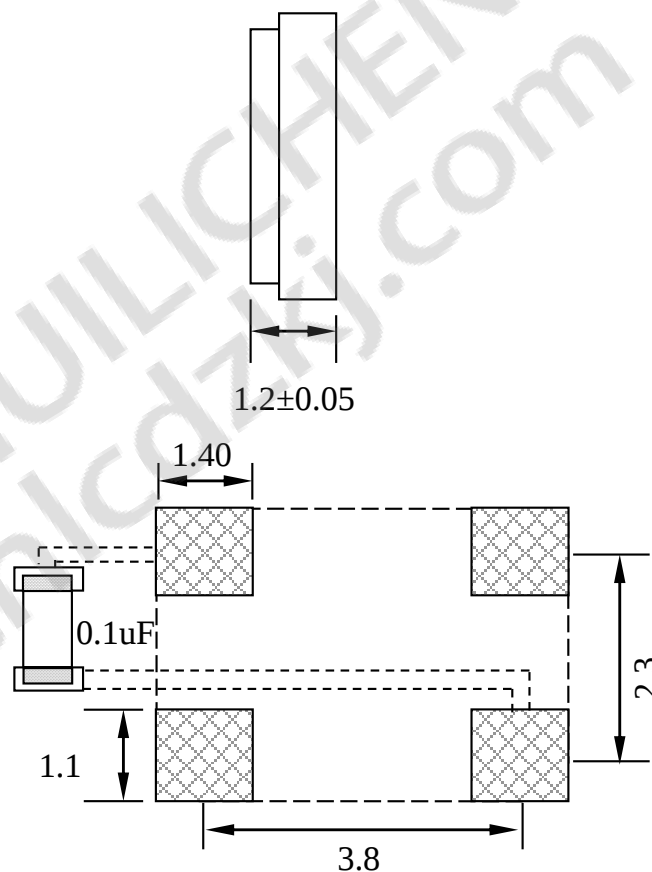
Dimensions (mm) :



< TOP VIEW >



< TOP VIEW >



(Recommended Land Pattern)

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

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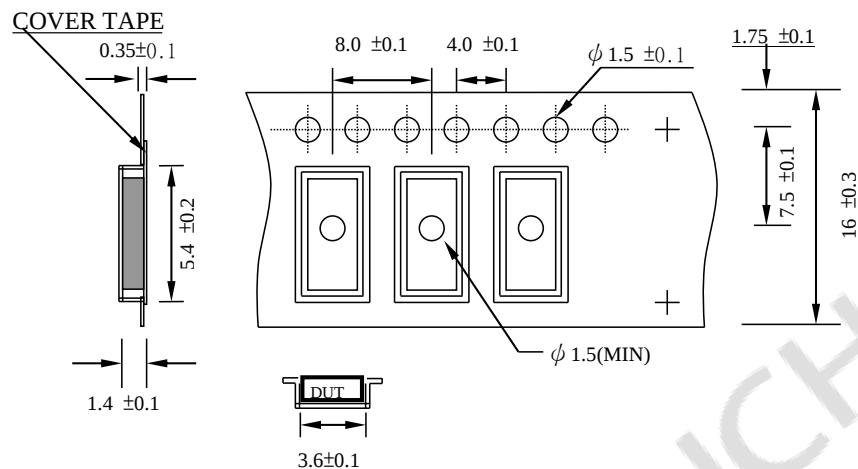
Tel: +86-0755-83576022

E-mail: hlc-zzw@hlcdzkj.com

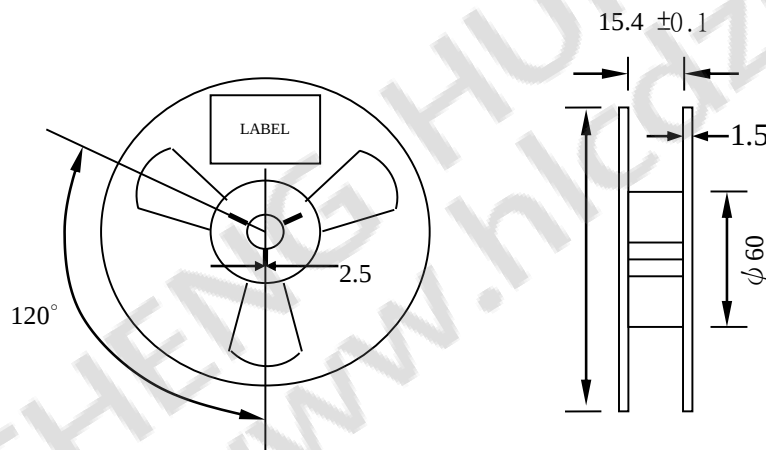
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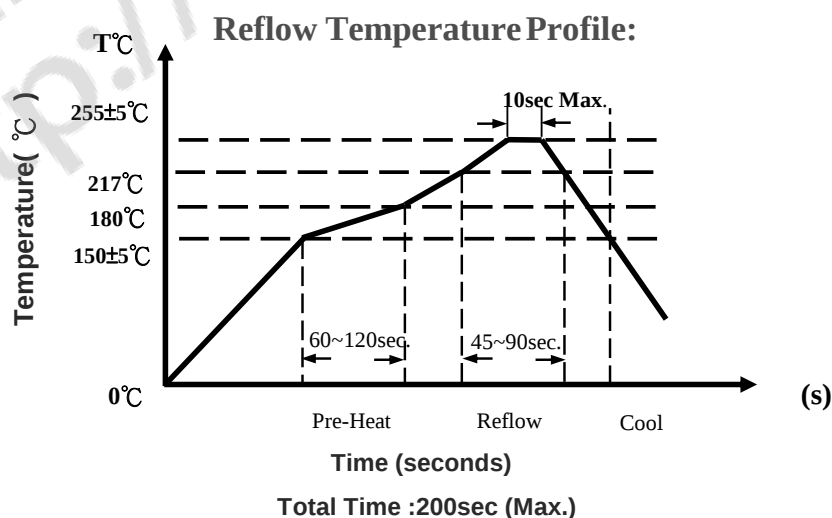
Tape Specification(mm) :



Reel Packing(mm) :



Reflow Temperature Profile :



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