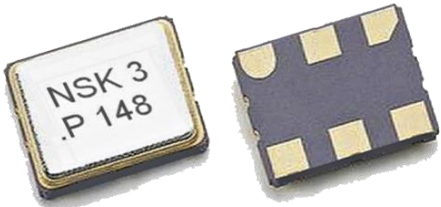




## NAPK Series 3.2 x 2.5

| <br>  | Application :                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>XDSL / SONET / SDH</li> <li>Wideband WLAN AP</li> <li>1G /10G Ethernet</li> <li>Fiber Channel</li> </ul>                                                                                 |
|                                                                                                                                                                                                                                                          | Features :                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>Low phase jitter (12KHz to 20MHz) under 1 ps (RMS)</li> <li>Low profile package design (1.1mm height max.)</li> <li>Tri-state function available</li> <li>Differential output</li> </ul> |



## Electrical Specification :

| Model                                  |            | NAPK-32                            |
|----------------------------------------|------------|------------------------------------|
| <b>1. Frequency</b>                    |            |                                    |
| Frequency Range                        | MHz        | 25.0 ~ 200.0                       |
| Frequency Stability                    | PPM        | A: ±100   B: ±50   C: ±30   D: ±25 |
| <b>2. Temperature Range</b>            |            |                                    |
| Operating Temp Range                   | °C         | -10 ~ +70, -40 ~ +85 or specify    |
| Storage Temp Range                     | °C         | -55 ~ +125                         |
| Output Voltage High (V <sub>OH</sub> ) | V (Min.)   | 1.025 VDD                          |
| Output Voltage Low (V <sub>OL</sub> )  | V (Max.)   | 1.625 VDD                          |
| Output Load                            | Ω          | 50                                 |
| Output Symmetry                        | %          | 45% ~ 55%                          |
| <b>3. Input Voltage</b>                |            |                                    |
| 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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Tel: +86-0755-83576022

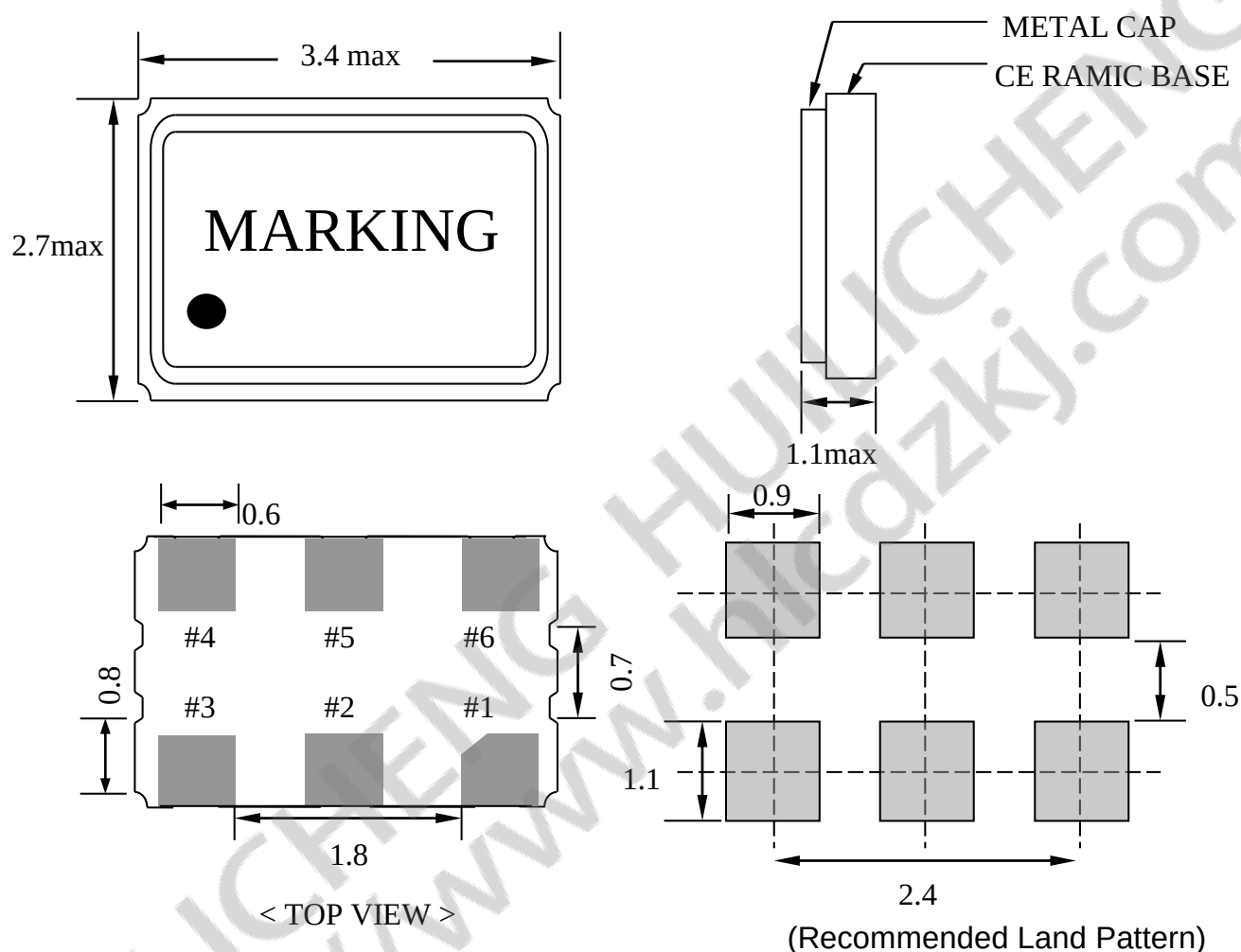
E-mail: hlc-zzw@hlcdzjk.com

Fax: 0755-83778079

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



## Dimensions (mm) :



| # NO.: Pin define |        |         |
|-------------------|--------|---------|
| #6: Vcc           | #5: QN | #4: Q   |
| #1: E/D           | #2: NC | #3: GND |

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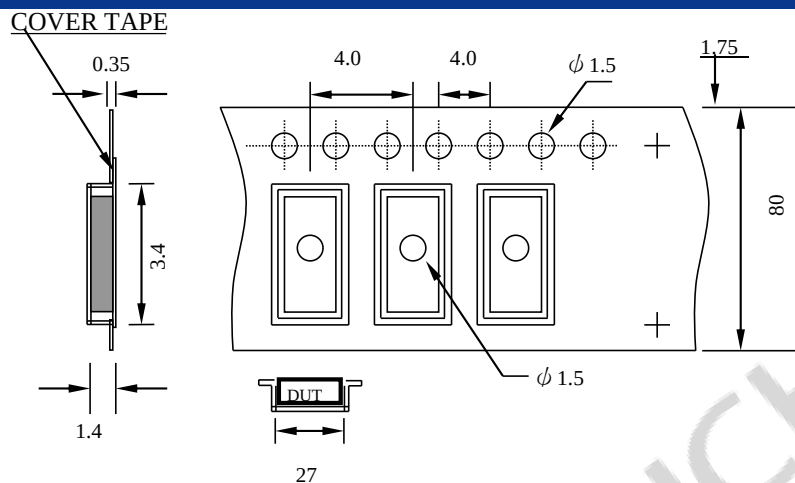
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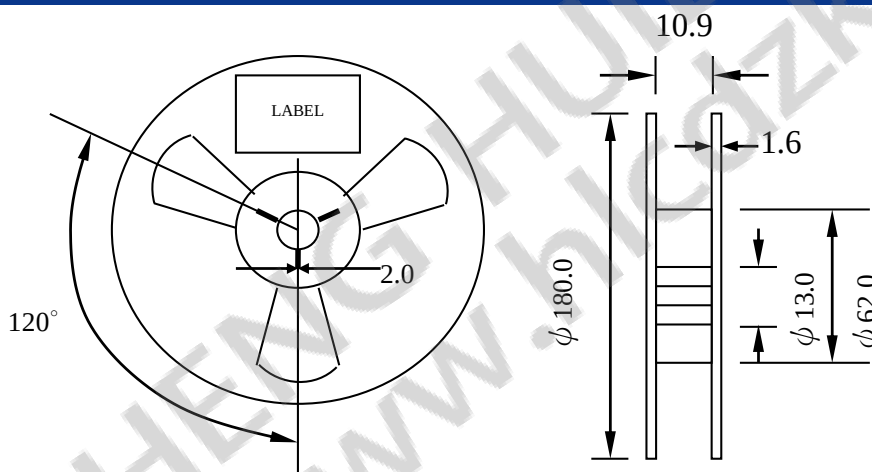
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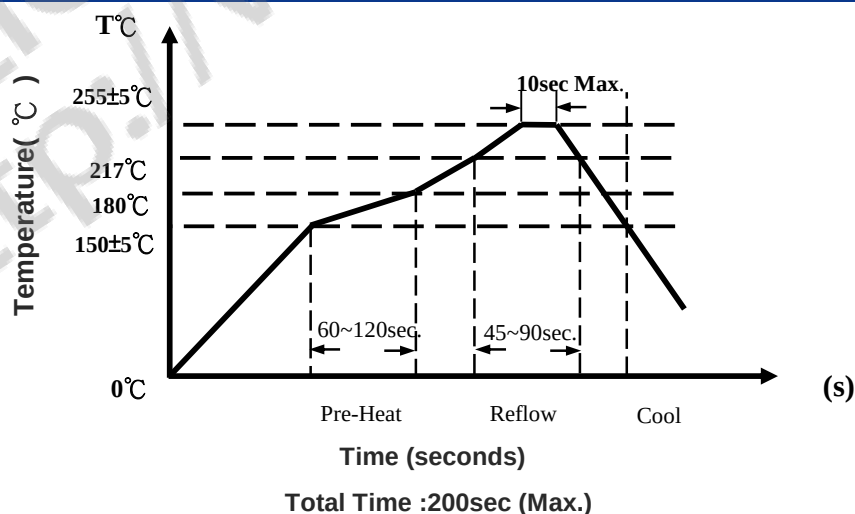
## Tape Specification(mm) :



## Reel Packing(mm) :



## Reflow Temperature Profile :



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