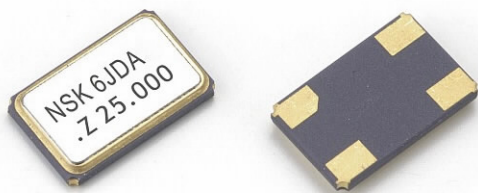


SMD TYPE CERAMIC (SMD 5 x 3.2)



Application of SMD crystal:

- Radio communication
- TCXO
- Office automation equipment
- GPS
- Audio-visual equipment



{Features}

Seam welding

Excellent solderability

Automatic and perfect packing due to emboss taping

Excellent vibration resistance & shock resistance

RoHS compliant / Pb free

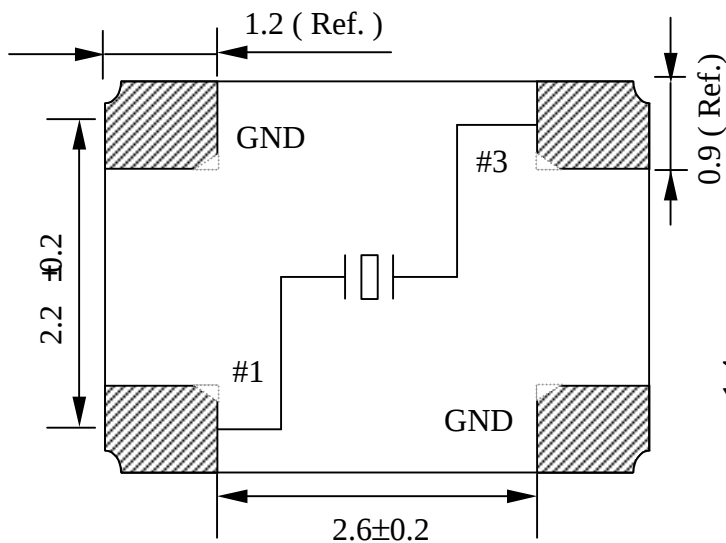
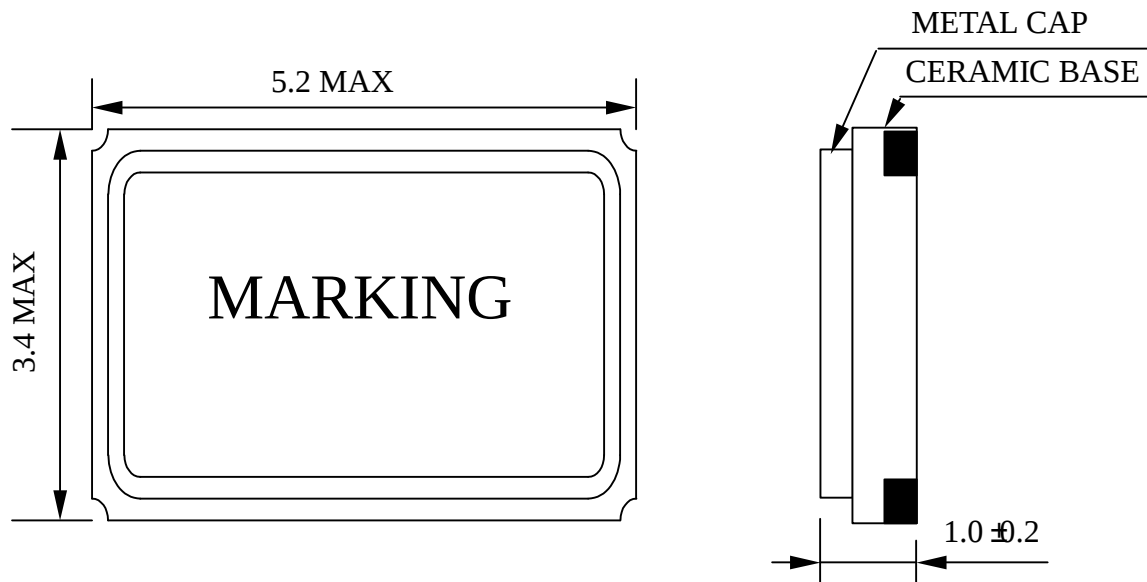
Electrical Specification:

Model	NXH-53
1.Frequency	
Frequency Range	10.0 ~ 125.000 MHz
Frequency Tolerance at 25 ℃ ± ℃	±0 ~ ±30 ppm (TYP.)
Frequency Stability Over Operating Temp Range	±0 ~ ±30 ppm (TYP.)
2.Environmental Condition	
Operating Temp Range	-10 ℃ ~ +60 ℃, -20 ℃ ~ +70 ℃ or customer requirement
Storage Temp Range	-40 ℃ ~ +85 ℃
Aging Rate	±3ppm/year
3.Electrical Specifications	
Test Circuit	S&A 250B
Load Capacitance	6 pF ~ 32 pF, series or special
Drive Level	1uW ~ 100uW or special
Shunt Capacitance	7.0pF max

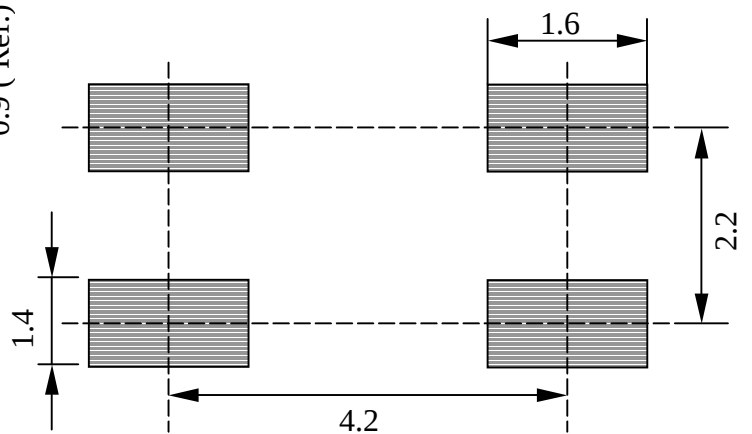
Equivalent Series Resistance(ESR) VS Frequency:

Frequency (MHz)	Oscillation Mode	NXH-53
10 ~ 12.0	Fundamental	90 Ω
12.1 ~ 25.0	Fundamental	70 Ω
25.1 ~ 52.0	Fundamental	40 Ω
45.1 ~ 125.0	3rd overtone	100 Ω

Dimensions (mm):

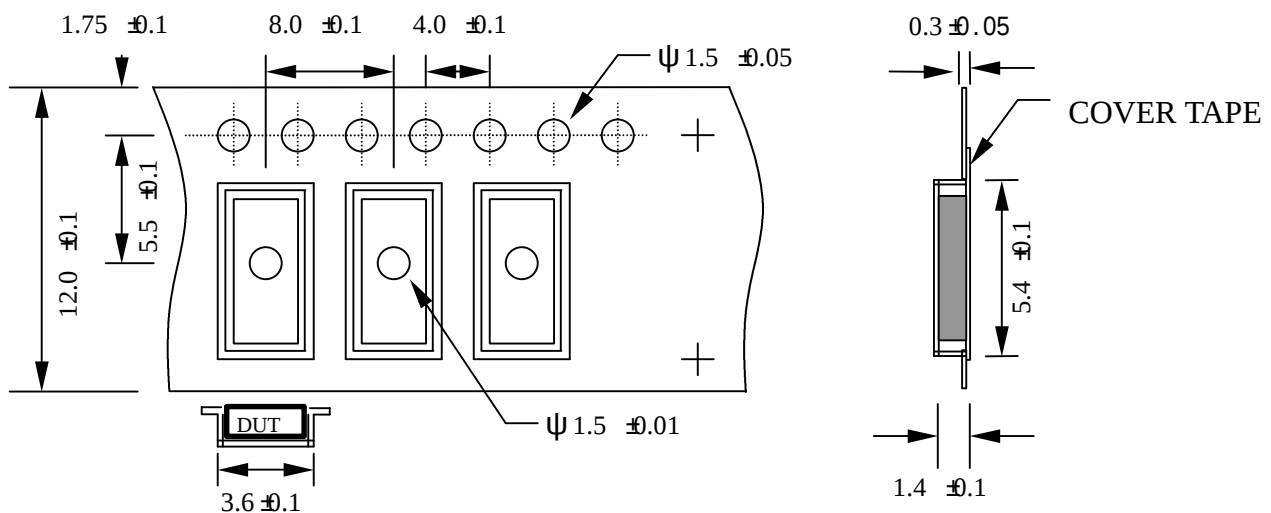


<TOP VIEW>



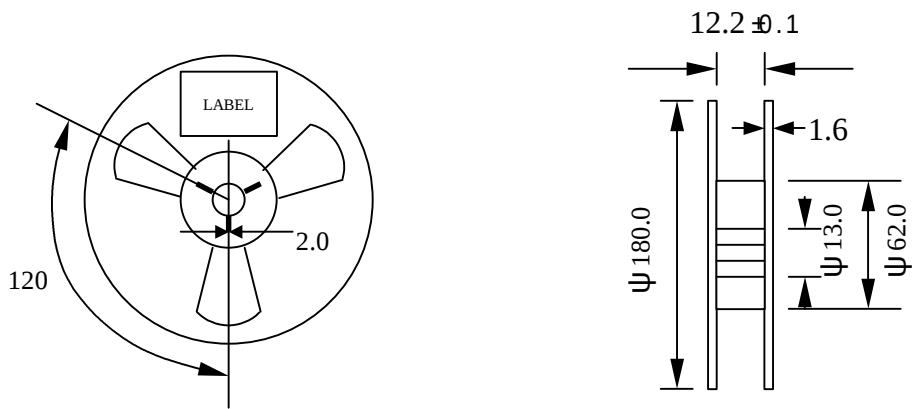
(Recommended Land Pattern)

Tape specification (mm):

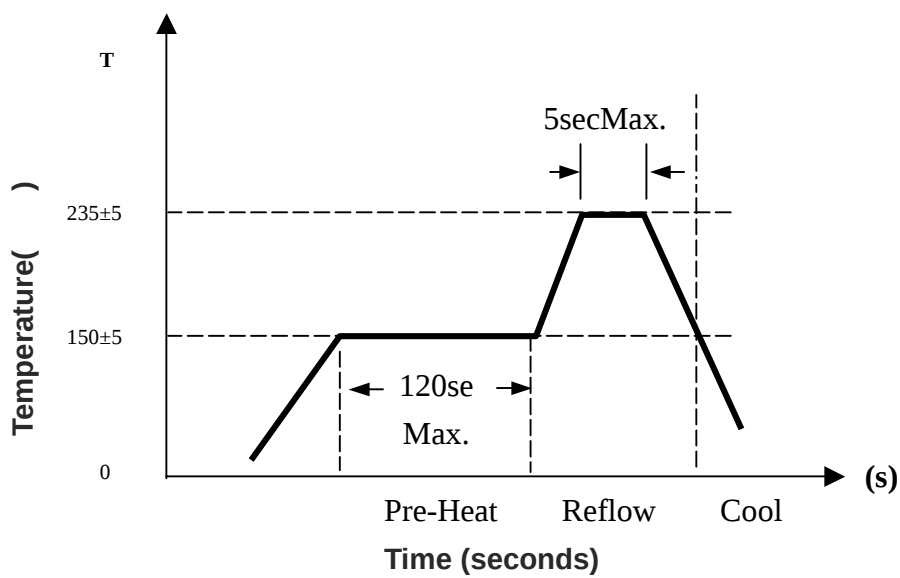


* Above specification subject to change without prior notice, please consult our sales representative for more information @ www.nsk.com.tw

Reel packing (mm):



Reflow Temperature profile:



* Above specification subject to change without prior notice, please consult our sales representative for more information @ www.nsk.com.tw