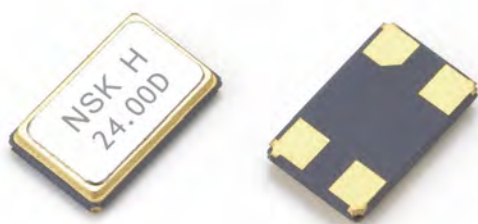


SMD TYPE CERAMIC (SMD 4 x 2.5)



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

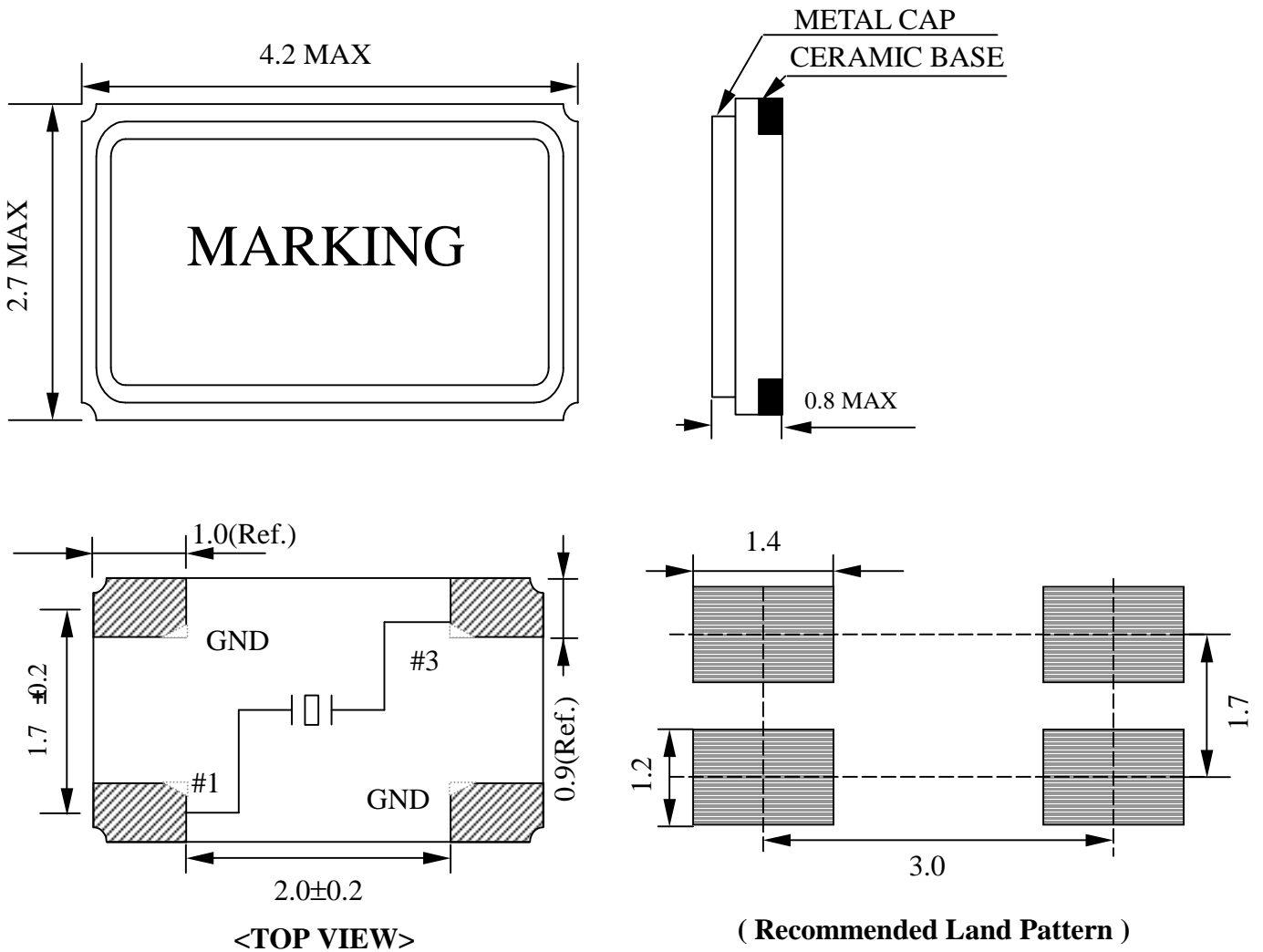
Electrical Specification:

| Model | NXJ-42 |
|---|---|
| 1.Frequency | |
| Frequency Range | 10.1 ~ 40.0 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 | NXJ-42 |
|-----------------|------------------|--------|
| 10.1 ~ 22.0 | Fundamental | 80 |
| 22.1 ~ 40.0 | Fundamental | 60 |

Dimensions (mm):



Tape specification (mm):

