## Specification of Quartz Crystal Units



1 **NDK Part Number** NX1612AA-26MHz-EXS00A-CS03402

2 **NDK Specification Number** EXS00A-CS03402

3 NX1612AA Type

Chipset Maker **TEXAS INSTRUMENTS** 4

5 Application Bluetooth + FM BLink™7 Solutions 6 Chipset Name

7 Chipset Number BL6450

8 End User Mobile Phone Manufacturer

9 **Electrical Characteristics** 

Nominal Frequency  $(f_{nom})$ 9.1 26 MHz

9.2 Overtone order Fundamental

 $\pm 20 \times 10^{-6} \text{ max.}$  ( at -20 to +70 °C ) 9.3 Frequency stability (Overall)

Equivalent Series Resistance  $(R_r)$ 150  $\Omega$  max. 9.4 200 μW max. 9.5 Maximum Drive Level

± 3 x 10<sup>-6</sup> max./1year 9.6 Aging (at +25 °C)

10 Measurement Circuit

10.1 Frequency Measurement

10.1.1 Measuring Instrument  $\pi$ -network (IEC)

10.1.2 Load Capacitance (C<sub>L</sub>) 8 pF 10.1.3 Level of Drive 10 μW

10.2 Equivalent Resistance Measurement

10.2.1 Measuring Instrument  $\pi$ -network (IEC)

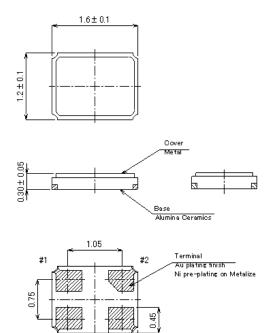
10.2.2 Load Capacitance (C<sub>1</sub>) Series

10.2.3 Level of Drive 10 µW

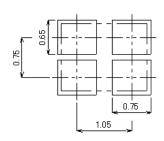
11 Operable Temperature Range -20 ~ +70 °C 12 Storage Temperature Range -40 ~ +85 °C

13 Dimension

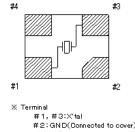
(Unit: mm)



## Land Pattern (Typical)



## **Terminal Land Connection** (Top View)



#2:GND(Connected to cover) #4:NC

## NOTE

The appearance color has a different case by purchasing it more than 2 suppliers, but reliability is guaranteed.