Specification of Quartz Crystal Units



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

2 NDK Specification Number EXS00A-CS03402

3 Type NX1612AA

4 Chipset Maker TEXAS INSTRUMENTS

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

7 Chipset Number BL6450

8 End User Mobile Phone Manufacturer

9 Electrical Characteristics

9.1 Nominal Frequency (f_{nom}) 26 MHz

9.2 Overtone order Fundamental

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

9.4 Equivalent Series Resistance (R_r) 150 Ω max. 9.5 Maximum Drive Level 200 μ W max.

9.6 Aging (at +25 °C) \pm 3 x 10⁻⁶ max./1year

10 Measurement Circuit

10.1 Frequency Measurement

10.1.1 Measuring Instrument π -network (IEC)

10.1.2 Load Capacitance (C_L) 8 pF 10.1.3 Level of Drive 10 μ W

10.2 Equivalent Resistance Measurement

10.2.1 Measuring Instrument π -network (IEC)

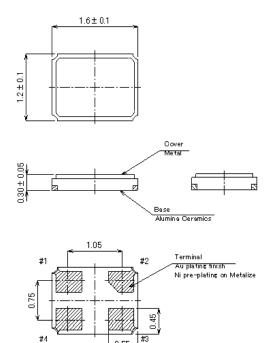
10.2.2 Load Capacitance (C_L) Series

10.2.3 Level of Drive $$10\ \mu W$$

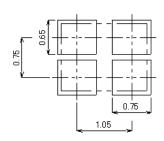
11 Operable Temperature Range $-20 \sim +70 \,^{\circ}\text{C}$ 12 Storage Temperature Range $-40 \sim +85 \,^{\circ}\text{C}$

13 Dimension

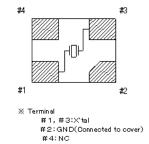
(Unit: mm)



Land Pattern (Typical)



Terminal Land Connection (Top View)



NOTE

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