Specification of Crystal Unit

1 NDK PART NUMBER

NX2520SA

5 Type

NX2520SA

(STD-CSW-2)

6 Electrical characteristics

6.1 Nominal frequency (F0)

* ATTACHED SHEETS 5

6.2 Overtone order

Fundamental

6.3 Adjustment tolerance

±10×10⁻⁶ max. (+25 °C)

6.4 Tolerance over the temperature range

±10×10⁻⁶ max. (-10~+60 °C) The reference temperature shall be +25

6.5 Equivalent resistance (R1)

*ATTACHED SHEETS 5

6.6 Maximum Drive Level

100µW max.

7 Measurement circuit

7.1 Frequency measurement

7.1.1 Measuring instrument

π circuit

7.1.2 Load capacitance (CL)

10pF

7.1.3 Level of drive

10µW

7.2 Equivalent resistance measurement

7.2.1 Measuring instrument

π circuit

7.2.2 Load capacitance (CL)

Series

7.2.3 Level of drive

10µW

8 Dimension

[Diagram of crystal unit dimensions]

13 Feb. 2009 Rev. B

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<table>
<thead>
<tr>
<th>Frequency(MHz)</th>
<th>IC(ESR)</th>
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<tr>
<td>16</td>
<td>80 ohm</td>
</tr>
<tr>
<td>20</td>
<td>70 ohm</td>
</tr>
<tr>
<td>24</td>
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<td>48</td>
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