Specification of Crystal Unit

1 NDK PART NUMBER

NX2520SA

5 Type

NX2520SA

(9DC-5CSW-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

Cover Metal

Base Alumina Ceramics

Terminal Tungsten Metalize

(Au plating on Ni pre plating)

LAND PATTERN (TYPICAL)

[TOP VIEW]

PIN CONNECTION

TERMINAL #1 #2 #3 #4 (GND/CONNECTION COVER)

This datasheet has been downloaded from http://www.digchip.com at this page
<table>
<thead>
<tr>
<th>Frequency(MHz)</th>
<th>IC(ESR)</th>
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<tbody>
<tr>
<td>16</td>
<td>80 ohm</td>
</tr>
<tr>
<td>20</td>
<td>70 ohm</td>
</tr>
<tr>
<td>24</td>
<td>70 ohm</td>
</tr>
<tr>
<td>24.576</td>
<td>70 ohm</td>
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<tr>
<td>26</td>
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</tr>
<tr>
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<td>32</td>
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<td>48</td>
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