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 Over tone 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

This datasheet has been downloaded from http://www.digchip.com at this page
<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>IC (ESR)</th>
</tr>
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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>
</tr>
<tr>
<td>26</td>
<td>70 ohm</td>
</tr>
<tr>
<td>30</td>
<td>50 ohm</td>
</tr>
<tr>
<td>32</td>
<td>50 ohm</td>
</tr>
<tr>
<td>40</td>
<td>50 ohm</td>
</tr>
<tr>
<td>44</td>
<td>50 ohm</td>
</tr>
<tr>
<td>48</td>
<td>50 ohm</td>
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