# **Crystal Clock Oscillator**



Pb Free

RoHS Compliant

Directive 2002/95/EC

## Model name

2775Y Frequency stability of ±50 x 10<sup>-6</sup>.

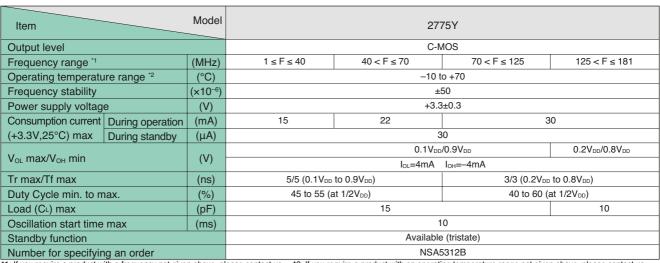
## Application

For compact mobile information equipment, such as a notebook PC, mobile information terminal, and PC card

## Features

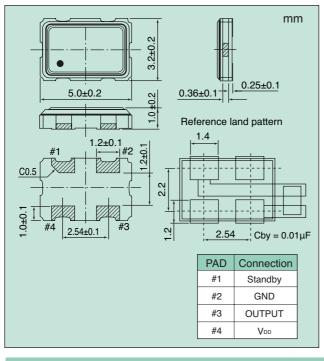
- PLL technology allows this crystal oscillator to support 1 to 181 MHz.
  With the adoption of frequency-writing technology, even the tightest delivery deadline can be met.
- Automatic mounting by taping and IR reflow (lead-free) are possible.
  Compact and light with the following dimensions and weight of 5.0 x 3.2 mm,
- 1.0 mm. and 0.06 g.

#### Specifications

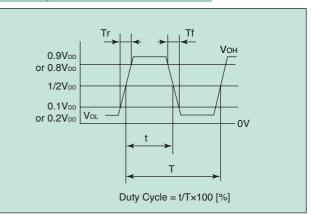


1: If you require a product with a frequency not given above, please contact us. \*2: If you require a product with an operating temperature range not given above, please contact us.

# Dimensions



# Output Waveform <C-MOS>



Standby Function

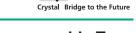
#1 Input	#3 Output
Level H (0.7 $V_{DD} \le V_{H} \le V_{DD}$ ) or OPEN is selected.	Oscillation output ON
Level L (+0.2 VDD max.) is selected.	High impedance (weak pull-down)

# How to Specify an Order

When ordering our products, specify them with an "Ordering Code" that consists of the following: Model name - Frequency (up to 9 digits) M- Number for specifying an order

Example 1: When ordering a product with model name: 2775Y, frequency: 68 MHz, frequency stability:  $\pm$ 50 x 10<sup>-6</sup>, and power supply voltage: 3.3 V Ordering Code: 2775Y – 68.000000M – NSA5312B

If you have any queries concerning our standard frequencies and numbers for specifying orders, please contact our sales representatives or visit our homepage (http://www.ndk.com/).



# Programmable Type

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Power supply voltage  $(V_{DD})$  -0.5 to +7.0V DC

Storage temperature range -55 to +125°C

Absolute maximum rating