

Crystal Oscillator

Model Name NT7050BC

Temperature-Compensated Crystal Oscillator (TCXO)

Main Application

Reference clock for Stratum 3.
Reference clock for Femtocell.

Features

- Excellent temperature characteristics.
- Low power consumption.
- Compact.
- Excellent aging characteristics.



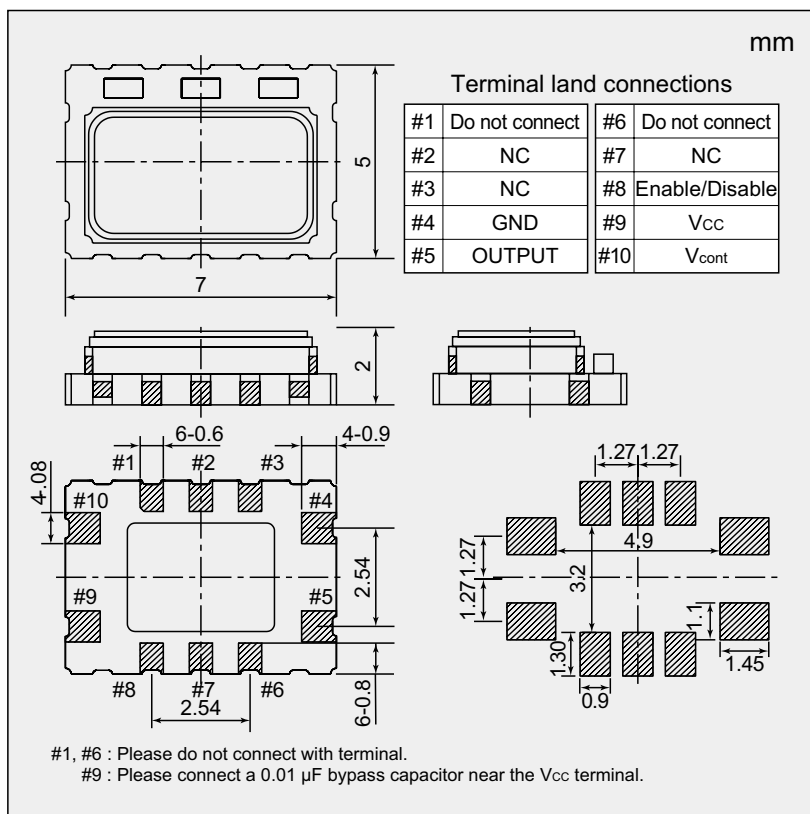
Pb Free

RoHS Compliant
Directive 2011/65/EU

Specifications

Item	Model	NT7050BC
Nominal frequency (MHz)		19.2, 20, 26
Supply voltage [V _{CC}] (V)		+3.3 ± 5%
Current consumption (mA)		Max. 10
Output level		CMOS (V _{OH} >2.9, V _{OL} >0.4)
Symmetry (%)		40 to 60
Load impedance (pF)		15
Operating temperature range (°C)		-20 to +70
Storage temperature range (°C)		-40 to +85
Frequency/Temperature characteristics		Max. ±0.28×10 ⁻⁶
Frequency/Voltage coefficient		Max. ±0.1×10 ⁻⁶
Long-term frequency stability		Max. ±3×10 ⁻⁶ /10years
Frequency control range		Min. ±5×10 ⁻⁶ /1.65 V±1.65 V
Enable/Disable function		Enable : 70%V _{CC} to V _{CC} or OPEN Disable : 0V to 30%V _{CC}

Dimensions



List of Ordering Codes

Frequency (MHz)	Ordering Code
19.2	NT7050BC-19.2M-NSA3517A
20	NT7050BC-20M-NSA3517A
26	NT7050BC-26M-NSA3517A

The above frequencies are NDK's standard frequencies.
Frequencies other than the above are available.
Feel free to contact our sales representatives.