

Model Name NV7050SH

Any Rate VCXO

Main Application

Optical communication equipments (SONET, SDH ,Ethernet)

Features

- Arbitrary frequency can be set up by the data input by I²C.
- Low phase noise and Low jitter (Typ. 0.5ps@622.08MHz)



Pb Free

RoHS Compliant
Directive 2011/65/EU

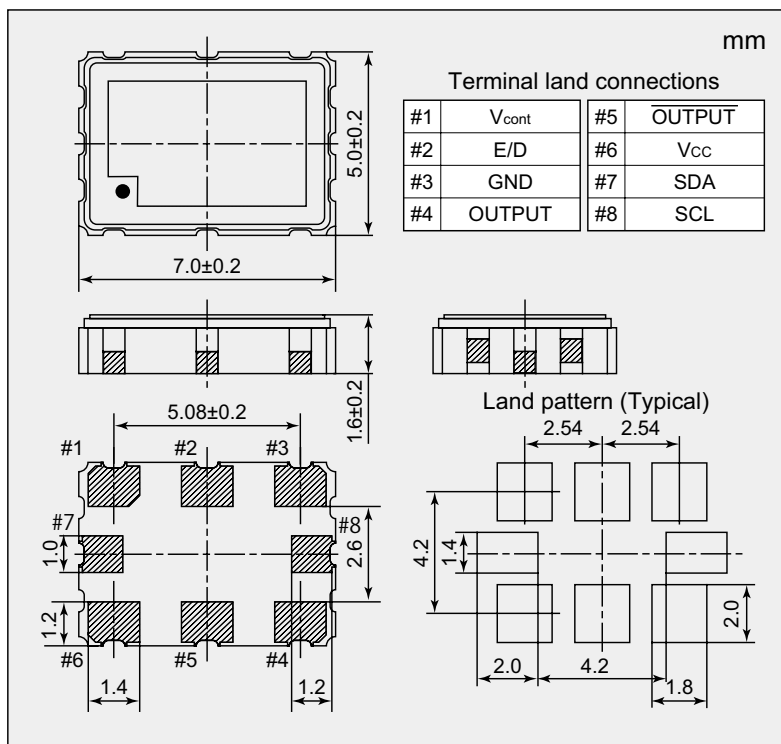
Specifications

Item	Model	NV7050SH
Nominal frequency (MHz) *1		15 to 915
Supply voltage [V _{CC}] (V)		+3.3 ± 10 %
Current consumption (mA)		Max. 175
Output voltage		LVPECL (Complementary)
Symmetry (%)		45 to 55
Load (Ω)		50 (V _{CC} -2.0V)
Operating temperature range (°C)		-40 to +85
Storage temperature range (°C)		-55 to +125
Total frequency stability *2		Max. ±50 × 10 ⁻⁶
Absolute pull range [APR]		Min. ±100 × 10 ⁻⁶ / + 1.65 ± 1.65 V
Frequency change polarity		Positive

*1 : This VCXO sets up and ships to the specified frequency.

*2 : Total frequency stability includes frequency/temperature characteristics, tolerance, frequency/voltage coefficient and long-term frequency stability.

Dimensions



Enable/Disable function

Input (#2)	Output (#4, #5)
High or NC	OUTPUT
Low	High Z

List of Ordering Codes

Frequency (MHz)	Ordering Code
622.08	NV7050SH-622.08M-NSA3576A

* Please specify default frequency.